### Saturday, September 21, 2013

#### 14:30-16:00 Hall I

**Teaching Course 1: Challenges in epilepsy treatment**

Chairpersons:  
A. Guekht, *Russia*  
C. Baumgartner, *Austria*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 14:30  | TREND S IN ANTIEPILEPTIC PHARMACOTHERAPY  
         | C. Baumgartner, *Austria*                              |
| 15:15  | EPILEPSY IN FEMALES OF CHILDBEARING AGE  
         | T. Tomson, *Swaziland*                                 |
| 16:00  | Break                                                    |

#### 14:30-16:00 Hall J

**Teaching Course 6: How to read EEG**

Chairpersons:  
E. Trinka, *Austria*  
T.P. Bleck, *USA*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 14:30  | INTRODUCTION  
         | E. Trinka, *Austria*                                     |
| 14:40  | BASIC PRINCIPLES FOR EEG READING  
         | G. Bauer, *Austria*                                      |
| 15:20  | USE AND ABUSE OF CLINICAL EEG  
         | E. Trinka, *Austria*                                     |
| 16:00  | Break                                                    |

#### 14:30-16:00 Hall K

**Teaching Course 4: CNS infection around the world including tropical neurology**

Chairpersons:  
E. Schmutzhard, *Austria*  
S.M. Katrak, *India*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 14:30  | VASCULITIS AND STROKE IN CNS TUBERCULOSIS  
         | S.M. Katrak, *India*                                    |
| 15:15  | NEW DEVELOPMENTS IN ACUTE BACTERIAL MENINGITIS  
         | E. Schmutzhard, *Austria*                               |
| 16:00  | Break                                                    |
Saturday, September 21, 2013

14:30-16:00  Hall L

Teaching Course 3: Neurorehabilitation

Chairpersons:  S. Clarke, Switzerland
               E. Auff, Austria

14:30  UNDERSTANDING MOTOR RECOVERY AFTER STROKE
       G. Kwakkel, The Netherlands

15:15  RECOVERY OF COGNITIVE FUNCTIONS
       S. Clarke, Switzerland

16:00  Break

14:30-16:00  Hall M

Teaching Course 2: Headache - Management of headache
              - An update

Chairpersons:  S.-J. Wang, Taiwan
               R.H. Jensen, Denmark

14:30  THE ESSENTIALS OF A GOOD HEADACHE HISTORY
       S.-J. Wang, Taiwan

15:15  ORGANIZATION OF HEADACHE SERVICE
       F. Sakai, Jamaica

16:00  Break

16:30-18:00  Hall I

Teaching Course 1: Challenges in epilepsy treatment
              (cont.)

Chairpersons:  A. Guekht, Russia
               C. Baumgartner, Austria

16:30  STATUS EPILEPTICUS: AN UPDATE
       A. Rossetti, Switzerland

17:15  AEDS IN THE TREATMENT ON NON-EPILEPTIC CONDITIONS
       A. Guekht, Russia
Saturday, September 21, 2013

16:30-18:00 Hall J

Teaching Course 6: How to read EEG (cont.)

Chairpersons: E. Trinka, Austria
    T.P. Bleck, USA

16:30 EEG IN PATIENTS WITH DISTURBED CONSCIOUSNESS
    P. Kaplan, USA

17:15 EEG IN SPECIAL SITUATIONS: ACUTE SETTING AND ICU
    T.P. Bleck, USA

16:30-18:00 Hall K

Teaching Course 4: CNS infection around the world including tropical neurology (cont.)

Chairpersons: E. Schmutzhard, Austria
    S.M. Katrak, India

16:30 HELMINTHIC INFESTATIONS OF THE CENTRAL NERVOUS SYSTEM
    P.-M. Preux, France

17:15 NODDING SYNDROME - A NEW INFECTIOUS(?) DISEASE ENTITY IN EASTERN AFRICA
    R. Idro, Uganda

16:30-18:00 Hall L

Teaching Course 3: Neurorehabilitation (cont.)

Chairpersons: E. Auff, Austria
    S. Clarke, Switzerland

16:30 TRAUMATIC BRAIN INJURY REHABILITATION IN PEDIATRIC AND ADOLESCENT PATIENTS
    L.W. Braga, Brazil

17:15 NEUROPHARMACOLOGICAL ASPECTS OF NEUROREHABILITATION
    E. Auff, Austria
Teaching Course 2: Headache - Management of headache - An update (cont.)

Chairpersons:  S.-J. Wang, Taiwan  
                R.H. Jensen, Denmark

16:30  MANAGEMENT OF PRIMARY HEADACHES  
       J. Schoenen, Belgium

17:15  MANAGEMENT OF SECONDARY HEADACHES  
       R.H. Jensen, Denmark
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<thead>
<tr>
<th>Time</th>
<th>Hall</th>
<th>Session</th>
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<tbody>
<tr>
<td>07:00-08:00</td>
<td>D</td>
<td>Free Teaching Course 7: How to interpret CT/MRI in acute stroke</td>
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<tr>
<td></td>
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<td>Speaker: F. Fazekas, Austria</td>
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<tr>
<td>08:00-08:45</td>
<td>A</td>
<td>Plenary Lectures</td>
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<td>Chairpersons: V. Hachinski, Canada, E. Auff, Austria</td>
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<tr>
<td>08:00</td>
<td>A</td>
<td>VIENNA AND THE AGE OF INSIGHT</td>
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<td>E. Kandel, USA</td>
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<tr>
<td>09:00-10:30</td>
<td>A</td>
<td>Diagnosis and Management of Epilepsy in Resource-limited settings</td>
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<td>Chairpersons: G. Birbeck, Zambia, M. Zebenigus, Ethiopia</td>
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<tr>
<td>09:00</td>
<td></td>
<td>KNOWLEDGE GAPS, RESEARCH NEEDS AND THE ROLE OF INTERNATIONAL COLLABORATIONS</td>
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<td>G. Birbeck, Zambia</td>
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<tr>
<td>09:20</td>
<td></td>
<td>INSIGHTS GAINED THROUGH THE CHINA DEMONSTRATION PROJECT</td>
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<td>D. Zhou, China</td>
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<tr>
<td>09:40</td>
<td></td>
<td>AN UPDATE ON MEASURING THE GLOBAL BURDEN OF EPILEPSY: THE 2005 GLOBAL BURDEN OF DISEASE STUDY METHODS AND RESULTS</td>
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<td>A.-C. Meyer, Kenya</td>
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<tr>
<td>10:00</td>
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<td>ESTABLISHING EPILEPSY CARE SERVICES IN IRAN</td>
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<td>A. Asadi-Pooya, Iran</td>
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<td>10:30</td>
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<td>Coffee Break, Poster and Exhibition Visit</td>
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</tbody>
</table>
Sunday, September 22, 2013

09:00-10:30  Hall B

**Chronic Migraine**

Chairpersons:  S.D. Silberstein,  USA  
                P. Goadsby,  UK

09:00  PATHOPHYSIOLOGY OF CHRONIC HEADACHE  
P. Goadsby,  UK

09:20  DIAGNOSIS AND CLASSIFICATION  
S.D. Silberstein,  USA

09:40  PHARMACOLOGIC TREATMENT  
D. Dodick,  USA

10:00  NEUROMODULATION  
J. Schoenen,  Belgium

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30  Hall C

**Motor and Cognitive Neurorehabilitation**

Joint World Federation of Neurology / World Federation of Neurorehabilitation Session

Chairpersons:  S. Clarke,  Switzerland  
                E. Auff,  Austria

09:00  SHAPING PLASTICITY TO ENHANCE RECOVERY AFTER INJURY  
R. Nudo,  USA

09:20  MOTOR REHABILITATION: OUTCOME AND EVIDENCE  
G. Kwakkel,  The Netherlands

09:40  NEUROSTIMULATION OF LANGUAGE TRAINING  
S. Cappa,  Italy

10:00  NEURAL PLASTICITY UNDERLYING RECOVERY FROM NEGLECT  
S. Clarke,  Switzerland

10:30  Coffee Break, Poster and Exhibition Visit
Sunday, September 22, 2013

09:00-10:30 Hall D

Making the case for neurology

Chairpersons: D. Silberberg, USA  
               J. Olesen, Denmark

09:00  THE COST OF NEUROLOGICAL DISORDERS IN LOW INCOME COUNTRIES - ADVOCACY VIA FINANCES AND HUMAN CAPITAL  
       D. Bergen, USA

09:20  THE COST OF NEUROLOGICAL DISORDERS IN EUROPE - ADVOCACY VIA FINANCES  
       J. Olesen, Denmark

09:40  DO THE DATA INFLUENCE PUBLIC POLICY?  
       B. Vickrey, USA

10:00  THE GLOBAL BURDEN OF DISEASE - ADVOCACY VIA EPIDEMIOLOGY  
       G. Birbeck, Zambia

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30 Hall E

Central Nervous System Infections

Chairpersons: S.M. Katrak, India  
               E. Katabira, Uganda

09:00  MEASLES VIRUS AND THE NERVOUS SYSTEM  
       D.E. Griffin, USA

09:30  STEM CELL AND SOLID ORGAN TRANSPLANT - INDUCED CENTRAL NERVOUS SYSTEM INFECTIONS  
       S.M. Katrak, India

10:00  CHANGING CLINICAL SCENARIOS IN TUBERCULOSIS MENINGITIS  
       D. Heemskerk, UK

10:30  Coffee Break, Poster and Exhibition Visit
Sunday, September 22, 2013

09:00-10:30 Hall G

Free Papers Session 1: Epilepsy

Chairpersons: A. Gil-Nagel, Spain  
R. Kälviäinen, Finland

09:00 EPILEPSY: A GLOBAL CRY, RAISING UP THE VOLUME  
R.N. Mbugua, Kenya

09:10 ASSESSMENT OF CONNECTIVITY STRENGTH BETWEEN THE PRIMARY FOCUS AND REMOTE CORTICAL FDG PET ABNORMALITIES IN CHILDREN WITH NON-LESIONAL EPILEPSY  
O. Muzik, C. Juhasz, J. Hua, E. Asano, H. Chugani, USA

09:20 PRESCRIPTION PATTERNS AND SELF-REPORTED SIDE EFFECTS OF ANTIEPILEPTIC DRUGS IN PATIENTS WITH EPILEPSY AT TERTIARY REFERRAL CENTER IN AUSTRIA  
E. Patarai, R. Jung, K. Trimmel, S. Aull-Watschinger, Austria

09:30 EFFICACY OF ESLICARBAZEPINE ACETATE AS ADJUNCTIVE THERAPY OF ADULT PATIENTS WITH PARTIAL-ONSET SEIZURES UP TO ONE YEAR OF FOLLOW-UP  
A. Gil-Nagel, C. Elger, E. Ben-Menachem, R. Sousa, J. Moreira, P. Soares-da-Silva, Spain, Germany, Sweden, Portugal

09:40 HEALTH ECONOMIC CONSEQUENCES OF EPILEPSY IN AUSTRIA  
F. Schwendinger, T.E. Dorner, K.V. Stein, B. Seidl, E. Patarai, Austria

09:50 NEURAL AUTOANTIBODIES AND IMMUNOTHERAPY-RESPONSIVE EPILEPSY: A PROSPECTIVE STUDY  

10:00 ADVERSE BIRTH OUTCOMES AFTER PRENATAL EXPOSURE TO ANTIEPILEPTIC DRUGS  

10:30 Coffee Break, Poster and Exhibition Visit
Sunday, September 22, 2013

09:00-10:30  Hall H

Free Papers Session 2: Epilepsy

Chairpersons:  M. Baulac, France  
                F. Schmitt, Germany

09:00  EFFECT OF COGNITIVE STIMULATION ON HIPPOCAMPAL RIPPLES IN EPILEPTIC PATIENTS
M. Brazdil, J. Cimbalkin, R. Roman, M. Stead, P. Daniel, J. Halamek, P. Jurak, Czech Republic, USA

09:10  A DOUBLE-BLIND EXTENSION STUDY TO ASSESS LONG-TERM SAFETY/EFFICACY OF ZONISAMIDE VERSUS CARBAMAZEPINE MONOTHERAPY FOR TREATMENT OF NEWLY DIAGNOSED PARTIAL EPILEPSY
M. Baulac, A. Patten, L. Giorgi, France, UK

09:20  LACK OF POTASSIUM CURRENT IN NOVEL MUTATIONS OF KCNQ2 AND KCNQ3 IDENTIFIED IN BENIGN FAMILIAL NEONATAL EPILEPSY (BFNE)
Y. Sugiura, Y. Ihara, A. Ishii, Y. Ugawa, S. Hirose, Japan

09:30  NEUROPSYCHOLOGICAL OUTCOME OF SEIZURE-FREE TEMPORAL LOBE EPILEPSY PATIENTS AFTER TEMPORAL LOBE RESECTION WITH AND WITHOUT ANTIEPILEPTIC DRUGS
D. Moser, S. Aull-Watschinger, B. Seidl, E. Pataraia, Austria

09:40  EPILEPSY IN CHILDREN WITH HIV/AIDS IN BOTSWANA: PREVALENCE, RISK FACTORS, AND OUTCOMES
D. Bearden, D. Dlugos, K. Brizzi, E. Lowenthal, E. Tracey, S. Kessler, USA

09:50  PREGNANT WOMEN WITH EPILEPSY: IS THE RISK OF PERIPARTUM PSYCHIATRIC SYMPTOMS INCREASED? - A PROSPECTIVE, POPULATION BASED COHORT STUDY
M.H. Bjørk, G. Veiby, S. Reiter, A.K. Daltveit, N.E. Gilhus, Norway

10:00  EFFICACY OF CHRONIC STIMULATION OF NUCLEUS ACCUMBENS (NAC) AND ANTERIOR THALAMUS (ANT) IN PATIENTS WITH PHARMACORESISTANT FOCAL EPILEPSY

10:30  Coffee Break, Poster and Exhibition Visit
### Sunday, September 22, 2013

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<th>Time</th>
<th>Hall I</th>
<th>Teaching Course 11: Autoimmune Neurology of the CNS and PNS</th>
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<tbody>
<tr>
<td>09:00</td>
<td>AUTOIMMUNE NEUROLOGY OF THE CNS: OVERVIEW AND UPDATE S. Pittock, USA</td>
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<tr>
<td>09:45</td>
<td>GUILLAIN-BARRE SYNDROME: PATHOGENESIS AND TREATMENT N. Yuki, Singapore</td>
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<tr>
<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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<tr>
<th>Time</th>
<th>Hall J</th>
<th>Teaching Course 9: Stroke - update on different stroke types</th>
</tr>
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<tbody>
<tr>
<td>09:00</td>
<td>INTRACEREBRAL HEMORRHAGE T. Steiner, Germany</td>
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<td>09:45</td>
<td>CEREBRAL VENOUS THROMBOSIS J. Ferro, Portugal</td>
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<tr>
<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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<tr>
<th>Time</th>
<th>Hall K</th>
<th>Teaching Course 40: Child neurology</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>CLINICAL APPROACH TO SEIZURES AND SEIZURE LIKE EVENTS IN CHILDHOOD (WITH VIDEOS) J. Wilmshurst, South Africa</td>
<td></td>
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<tr>
<td>09:45</td>
<td>THE &quot;NEW ORGANISATION OF THE EPILEPSIES&quot; I. Scheffer, Australia</td>
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<tr>
<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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Sunday, September 22, 2013

09:00-10:30  Hall L

Teaching Course 10: Peripheral neuropathy (immune mediated neuropathies, diabetes)

Chairpersons:  E. Feldman, USA
               E. Nobile-Orazio, Italy

09:00  DIAGNOSIS AND TREATMENT OF DIABETIC PERIPHERAL NEUROPATHY
       E. Feldman, USA

09:45  DIAGNOSIS AND TREATMENT OF DIABETIC AUTONOMIC NEUROPATHY
       R. Freeman, USA

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30  Hall M

Teaching Course 5: Stroke ABC

Chairpersons:  B. Norrving, Sweden
               P. Sandercock, UK

09:00  THE GLOBAL PERSPECTIVE OF STROKE
       B. Norrving, Sweden

09:45  MEDICAL TREATMENTS FOR ISCHAEMIC AND HAEMORRHAGIC STROKE
       P. Sandercock, UK

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30  Hall N

Free Teaching Course 12: AAN advocacy workshop

Chairpersons:  M. Wasay, Pakistan
               W. Grisold, Austria

09:00  OPENING REMARKS AND FACULTY INTRODUCTIONS
       M. Wasay, Pakistan

09:15  GLOBAL NEUROLOGY AND FUTURE ROLE OF ADVOCACY
       A.-C. Meyer, Kenya

09:40  WHAT IS ADVOCACY, WHY IS IT IMPORTANT?
       M.M. Mehndiratta, India

10:05  TOPIC IDENTIFICATION BREAKOUTS
       M. Wasay, Pakistan
# Sunday, September 22, 2013

## Teaching Course 13: Autonomic nervous system

**Chairpersons:** M. Hilz, *Germany*  
R. Freeman, *USA*

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Speakers, Country</th>
</tr>
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<tbody>
<tr>
<td>09:00</td>
<td>STROKE AND THE AUTONOMIC NERVOUS SYSTEM</td>
<td>M. Hilz, <em>Germany</em></td>
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<tr>
<td>09:45</td>
<td>AUTONOMIC DYSFUNCTION IN THE ICU</td>
<td>R. Freeman, <em>USA</em></td>
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<tr>
<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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### Epilepsy genetics: new insights change clinical practice

**Chairpersons:** I. Scheffer, *Australia*  
A.-C. Meyer, *USA*

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Speakers, Location</th>
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<tbody>
<tr>
<td>11:00</td>
<td>ADULT PATIENTS WITH EPILEPTIC ENCEPHALOPATHIES: NOT TOO LATE TO MAKE A GENETIC DIAGNOSIS</td>
<td>I. Scheffer, <em>Australia</em></td>
</tr>
<tr>
<td>11:30</td>
<td>MONOGENIC FOCAL EPILEPSIES - NEW GENES CHANGE THE PLAYING FIELD</td>
<td>A. van den Maagdenberg, <em>The Netherlands</em></td>
</tr>
<tr>
<td>12:00</td>
<td>THE EXPANDING EPILEPSY SPECTRUM OF GLUT1 DEFICIENCY</td>
<td>P. de Jonghe, <em>Belgium</em></td>
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<tr>
<td>12:30</td>
<td>Lunch Break, Poster Viewing and Exhibition Visit</td>
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Sunday, September 22, 2013

11:00-12:30 Hall B

Important headache issues

Chairpersons: 
S.-J. Wang, Taiwan
J. Olesen, Denmark

11:00 WORRISOME HEADACHES IN THE THIRD WORLD
K. Ravishankar, India

11:20 MIGRAINE COMORBIDITIES
M. Peres, Brazil

11:40 TRIGEMINAL AUTONOMIC CEPHALALGIAS
C. Diener, Germany

12:00 ACUPUNCTURE FOR HEADACHE TREATMENT
S.-J. Wang, Taiwan

12:30 Lunch Break, Poster Viewing and Exhibition Visit

11:00-12:30 Hall C

Disease Specific Neurorehabilitation

Joint World Federation of Neurology / World Federation of Neurorehabilitation Session

Chairpersons: 
L.W. Braga, Brazil
M. Selzer, USA

11:00 AXON REGENERATION IN THE INJURED CENTRAL NERVOUS SYSTEM
M. Selzer, USA

11:20 TRANSLATIONAL RESEARCH IN SPINAL CORD INJURY: HOW TO OVERCOME THE GAP?
A. Curt, Switzerland

11:40 FUNCTIONAL IMAGING BEFORE AND AFTER EPILEPSY SURGERY: A MODEL FOR NEURAL PLASTICITY
M.J. Koepp, UK

12:00 CEREBRAL PALSY
L.W. Braga, Brazil

12:30 Lunch Break, Poster Viewing and Exhibition Visit
Sunday, September 22, 2013

11:00-12:30  Hall D

Making the case for neurology

Chairpersons: D. Silberberg, USA
S. Al-Deeb, Saudi Arabia

11:00  DECADE OF THE BRAIN TO 2013 - ADVOCACY PROGRESSES
       D. Silberberg, USA

11:20  INFLUENCING THE GOVERNMENT IN A MIDDLE INCOME COUNTRY
       M. Cruz, Ecuador

11:40  INFLUENCING THE GOVERNMENT IN A LOW INCOME COUNTRY
       E. Katabira, Uganda

12:00  THE PROMISE OF SOCIAL NETWORKING
       A. Craven, Ireland

12:30  Lunch Break, Poster Viewing and Exhibition Visit

11:00-12:30  Hall E

Central Nervous System Infections

Chairpersons: A. Bhigjee, South Africa
P. Satishchandra, India

11:00  HTLV ASSOCIATED MYELOPATHY
       A. Bhigjee, South Africa

11:20  SPINAL SCHISTOSOMIASIS
       T.C.A. Ferrari, Brazil

11:40  MANAGEMENT OF CRYPTOCOCCAL MENINGITIS WITH SPECIAL REFERENCE TO COMPLICATIONS
       D. Clifford, USA

12:00  VASCULITIS AND STROKES IN CENTRAL NERVOUS SYSTEM TUBERCULOSIS
       P. Satishchandra, India

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Sunday, September 22, 2013

11:00-12:30 Hall G

Free Papers Session 3: Epilepsy

Chairpersons: A.E.M. Ahmed, Sudan
              L.V. de Oliveira, Brazil

11:00  ROBOTICS IN NEUROSURGICAL STEREOTACTIC INTERVENTIONS: OBLIQUE INTRAINSLAR ELECTRODES IMPLANTED OF PATIENTS WITH EPILEPSY
       A. Afif, France

11:10  EPIDEMIOLOGICAL ASPECTS OF EPILEPSY IN BRAZIL FROM 2008 TO 2012
       C.D. Rocha, J.A.D.O. Júnior, M.A.A. de Oliveira, L.V. de Oliveira, D.J. da Silva, Brazil

11:20  A7-CONTAINING NICOTINIC ACETYLCHOLINE RECEPTORS ON INTERNEURONS OF THE BASOLATERAL AMYGDALA AND THEIR ROLE IN THE REGULATION OF THE NETWORK EXCITABILITY
       V.I. Pidoplichko, E.M. Prager, V. Aroniadou-Anderjaska, M.F.M. Braga, USA

11:30  THE NATURE HISTORY OF UNTREATED EPILEPSY IN RURAL AREAS IN TIBETAN AREAS
       J. Mu, L. Liu, Y. Zhao, D. Zhou, J. Wu, S. Li, China

11:40  PROPOSAL OF A STAGING SYSTEM FOR RISK STRATIFICATION AND CROSS SECTIONAL REPORTING OF STATUS EPILEPTICUS
       M. Leitinger, G. Kalss, D. Huber, A. Rohracher, J. Höfler, J. Dobesberger, E. Trinka, Austria

11:50  STIGMA OF EPILEPSY AMONG PATIENTS AND THEIR RELATIVES ATTENDING CHARITY CLINIC, OMDURMAN-SUDAN
       O. Hamid, M.A.O. Taha, S.A. Balla, A. Hussien, Sudan

12:00  EPILEPSY IN THE AMAZON: AN INVISIBLE DISEASE IN THE RAIN FOREST

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Sunday, September 22, 2013

Free Papers Session 4: Headache

Chairpersons: M.D. Ferrari, The Netherlands
G. Akdal, Turkey

11:00  GREY MATTER IN CHRONIC MIGRAINE PATIENTS
G. Zanchin, M. Margoni, M. Calabrese, F. Maggioni, Italy

11:10  CAMEO (CHRONIC MIGRAINE EPIDEMIOLOGY & OUTCOMES) STUDY: DESIGN, METHODOLOGY, AND BASELINE COHORT CHARACTERISTICS
A.N. Manack, M.L. Reed, V. Marske, D. Serrano, K. Fanning, C. Cunanan, D.C. Buse, R.B. Lipton, USA

11:20  DISTINCTIVE ANATOMICAL AND PHYSIOLOGICAL FEATURES OF MIGRAINE AURA REVEALED BY 20 YEARS OF PATIENT RECORDING
J.M. Hansen, S.M. Baca, A. Charles, USA

11:30  DO MIGRAINEURS WITH VERTIGO/DIZZINESS DISPLAY SOME COMMON CHARACTERISTICS? RESULTS FROM A POPULATION-BASED STUDY
G. Akdal, B. Baykan, M. Ertaş, Turkish Prevalence Study Group, Turkey

11:40  OPTIC COHERENCE TOMOGRAPHY FOR OPTIC DISC AND CLINICAL EVALUATION IN IDIOPATHIC INTRACRANIAL HYPERTENSION
P. Gelener, S. Üçler, Ö. Coşkun, E.U. Altiparmak, L.E. İnan, Cyprus

11:50  ANALYSIS OF THE DEVELOPMENT OF ALLODYNIA: CORRELATION BETWEEN MIGRAINE DURATION AND SEVERITY
B. Lu, X. Li, E. Connors, S. Kori, N.L. Earl, USA

12:00  A RANDOMIZED DOUBLED BLINDED TRIAL OF TREATMENT WITH DIAMINO-OXIDASE (DAO) IN PATIENTS WITH MIGRAINE AND DEFICIT OF ENZYME’S ACTIVITY
J. Izquierdo, D. Mon, M. Lorente, L. Soler Singla, Spain

12:30 Lunch Break, Poster Viewing and Exhibition Visit
Sunday, September 22, 2013

11:00-12:30  Hall I

Teaching Course 11: Autoimmune Neurology of the CNS and PNS (cont.)

Chairpersons:  S. Pittock, USA  
                J. Verschuuren, The Netherlands

11:00  AUTOIMMUNE WATER CHANNELOPATHIES/ NMO  
       A. Vincent, UK

11:45  AUTOIMMUNE SYNAPTIC DISORDERS OF THE PNS: MYASTHENIA GRAVIS AND LEMS  
       J. Verschuuren, The Netherlands

12:30  Lunch Break, Poster Viewing and Exhibition Visit

11:00-12:30  Hall J

Teaching Course 9: Stroke - update on different stroke types (cont.)

Chairpersons:  J. Ferro, Portugal  
                L. Wong, Hong Kong S.A.R.

11:00  CARDIOEMBOLIC STROKE (INCLUDING AORTIC ARCH)  
       S. Davis, Australia

11:45  STROKE ASSOCIATED WITH INTRACRANIAL LARGE VESSEL DISEASE  
       L. Wong, Hong Kong S.A.R.

12:30  Lunch Break, Poster Viewing and Exhibition Visit

11:00-12:30  Hall K

Teaching Course 40: TC40 Child neurology (cont.)

Chairpersons:  I. Tein, Canada  
                J. Wilmshurst, South Africa

11:00  APPROACH TO AUTOIMMUNE ENCEPHALOPATHIES AND SEIZURES INCLUDING RASMUSSENS ENCEPHALITIS  
       R. Dale, Australia

11:45  APPROACH TO VITAMIN AND COFACTOR-RESPONSIVE EARLY ONSET ENCEPHALOPATHIES AND SEIZURES  
       I. Tein, Canada

12:30  Lunch Break, Poster Viewing and Exhibition Visit
### Sunday, September 22, 2013

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<tr>
<td>11:00-12:30</td>
<td>Hall L</td>
<td>Teaching Course 10: Peripheral neuropathy (immune mediated neuropathies, diabetes) (cont.)</td>
<td>E. Feldman, USA, E. Nobile-Orazio, Italy</td>
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<td>11:00</td>
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<td>TREATMENT OF CHRONIC IMMUNE-MEDIATED NEUROPATHIES</td>
<td>E. Nobile-Orazio, Italy</td>
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<td>11:45</td>
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<td>TREATMENT OF ACUTE IMMUNE-MEDIATED NEUROPATHIES</td>
<td>P. van Doorn, The Netherlands</td>
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<td>11:00-12:30</td>
<td>Hall M</td>
<td>Teaching Course 5: Stroke ABC (cont.)</td>
<td>B. Norrving, Sweden, P. Sandercock, UK</td>
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<td>11:00</td>
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<td>STROKE MIMICS AND CHAMELEONS</td>
<td>H. Mattle, Switzerland</td>
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<td>11:45</td>
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<td>ORGANIZATION OF STROKE SERVICES IN HIGH-MID-LOW RESOURCE SETTINGS</td>
<td>J. Pandian, India</td>
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<td>11:00-12:30</td>
<td>Hall N</td>
<td>Free Teaching Course 12: AAN advocacy workshop (cont.)</td>
<td>M. Wasay, Pakistan, W. Grisold, Austria</td>
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<td>11:00</td>
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<td>BASIC PRINCIPLES OF ACTION PLANNING</td>
<td>M. Wasay, Pakistan</td>
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<td>11:30</td>
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<td>LEGISLATIVE TRAINING</td>
<td>T. Wijeratne, Australia</td>
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<td>12:00</td>
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<td>DEVELOPING YOUR MESSAGE</td>
<td>G. Stokin, Slovenia</td>
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#### 11:00-12:30 Hall O

**Teaching Course 13: Autonomic nervous system (cont.)**

**Chairpersons:** M. Hilz, *Germany*
R. Freeman, *USA*

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<tr>
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<tr>
<td>11:00</td>
<td>AMYLOID NEUROPATHIES</td>
<td>T. Coelho, Portugal</td>
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<tr>
<td>11:45</td>
<td>PARKINSON’S DISEASE AND THE AUTONOMIC NERVOUS SYSTEM</td>
<td>W. Struhal, Austria</td>
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<td>12:30</td>
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#### 14:30-16:00 Hall A

**Status Epilepticus**

**Chairpersons:** S. Shorvon, *UK*
A. Guekht, *Russia*

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<th>Time</th>
<th>Topic</th>
<th>Speaker, Location</th>
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<tr>
<td>14:30</td>
<td>THE INFLAMMATORY AND IMMUNOLOGICAL CAUSES OF STATUS EPILEPTICUS</td>
<td>J. Dalmau, USA</td>
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<tr>
<td>14:50</td>
<td>TREATMENT OF ACUTE EPILEPSY AND EARLY STATUS</td>
<td>U. Kramer, Israel</td>
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<tr>
<td>15:10</td>
<td>SUBTLE STATUS IN THE INTENSIVE CARE UNIT AFTER CEREBRAL ANOXIA - IS IT STATUS EPILEPTICUS AND SHOULD IT BE TREATED?</td>
<td>A. Rossetti, Switzerland</td>
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<tr>
<td>15:30</td>
<td>TREATMENT OF REFRACTORY STATUS</td>
<td>S. Shorvon, UK</td>
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<tr>
<td>16:00</td>
<td>Coffee Break, Poster Viewing and Exhibition Visit</td>
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**14:30-16:00**

**Hall B**

#### Updating the treatment guidelines for neuropathic pain

**Chairpersons:**
- N. Attal, *France*
- C. Meshram, *India*

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<tr>
<td>14:30</td>
<td><strong>THE LATEST EFNS AND NEUPSIG TREATMENT GUIDELINES</strong> M. Haanpaa, <em>Finland</em></td>
</tr>
<tr>
<td>14:50</td>
<td><strong>NOVEL DRUGS AT THE HORIZON</strong> N. Attal, <em>France</em></td>
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<tr>
<td>15:10</td>
<td><strong>ADVANCES IN NEUROSTIMULATION THERAPY</strong> G. Cruccu, <em>Italy</em></td>
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<tr>
<td>16:00</td>
<td>Coffee Break, Poster Viewing and Exhibition Visit</td>
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**14:30-16:00**

**Hall C**

#### Therapeutic Neurotoxins

**Chairpersons:**
- C. Comella, *USA*
- R. Kaji, *Japan*

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<tbody>
<tr>
<td>14:30</td>
<td><strong>EXPANDING APPLICATIONS OF BOTULINUM TOXIN</strong> M. Merello, <em>Argentina</em></td>
</tr>
<tr>
<td>15:00</td>
<td><strong>COMPARATIVE TRIALS OF BOTULINUM TOXINS</strong> C. Comella, <em>USA</em></td>
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<tr>
<td>15:20</td>
<td><strong>THE CHALLENGE OF BOTULINUM TREATMENT FOR SPASTICITY</strong> R. Kaji, <em>Japan</em></td>
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<td>16:00</td>
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14:30-16:00 Hall D

Making the case for neurology 2

Chairpersons:  
D. Silberberg, USA  
A. Craven, Ireland

14:30  INTRODUCTION - SETTING THE SCENE  
J. Olesen, Denmark

14:50  CASE STUDY 1: THE DYSTONIA COALITION  
H.A. Jinnah, USA

15:10  CASE STUDY 2: THE NEUROLOGICAL ALLIANCE  
OF IRELAND  
M. Harney, Ireland

15:30  CASE STUDY 3: THE PARKINSON’S DISEASE AND  
MOVEMENT DISORDER SOCIETY, INDIA  
M. Barretto, India

16:00  Coffee Break, Poster Viewing and Exhibition Visit

14:30-16:00 Hall E

Regional Session: ASIAN OCEANIAN ASSOCIATION OF  
NEUROLOGY

Chairpersons:  
M.M. Mehndiratta, India  
C.P. Tsai, Taiwan

14:30  STATUS OF RESEARCH IN NEUROLOGY IN ASIAN  
OCEANIAN REGION  
L. Wong, Hong Kong S.A.R.

14:50  CNS BUGS AND STROKE  
M.M. Mehndiratta, India

15:10  CNS INFECTIONS IN EAST AND WEST  
M. Wasay, Pakistan

15:30  IMPROVING STROKE CARE IN ASIAN OCEANIAN  
REGION  
S. Davis, Australia

15:50  CONCLUDING REMARKS  
M.M. Mehndiratta; C.P. Tsai, India, Taiwan

16:00  Coffee Break, Poster Viewing and Exhibition Visit
Sunday, September 22, 2013

14:30-16:00 Hall G

Teaching Course 19: Neuroimaging

Chairpersons: M. Filippi, Italy  
C. Enzinger, Austria

14:30 ALZHEIMER'S DISEASE AND ALLIED DEMENTING CONDITIONS  
M. Filippi, Italy

15:15 MOVEMENT DISORDERS  
F. Agosta, Italy

16:00 Coffee Break, Poster Viewing and Exhibition Visit

14:30-16:00 Hall H

Free Papers Session 5: Headache

Chairpersons: Al-Hashel, Kuwait

14:30 NEUROLOGICAL MANIFESTATIONS OF CEREBRAL VENOUS THROMBOSIS: RETROSPECTIVE CASE STUDY OF 100 PATIENTS WITH OUR EXPERIENCE IN KUWAIT  
V.P. Vembu, J.K. John, J.Y. Al-Hashel, Kuwait

14:40 IDIOPATHIC INTRACRANIAL HYPERTENSION; CLINICAL FEATURES AND PROGNOSIS  
A.O. Keskin, F. Idiman, D. Kaya, B. Bircan, E. Idiman, Turkey

14:50 DO VESTIBULAR MIGRAINE PATIENTS DIFFER FROM MIGRAINE PATIENTS WITHOUT HISTORY OF VERTIGO IN ANXIETY?  
G. Akdal, O. Kutay, B.D. Balcı, T. Alkın, Turkey

15:00 INTERICTAL INCREASE IN CGRP LEVELS IN PERIPHERAL BLOOD AS A RELIABLE BIOMARKER FOR CHRONIC MIGRAINE  
J. Pascual, E. Cernuda-Morollón, C. Ramón, J. Vega, D. Larrosa, P. Martínez-Camblor, Spain

15:10 WHITE MATTER MICROSTRUCTURE ABNORMALITIES IN PEDIATRIC MIGRAINE PATIENTS: IN VIVO MEASURES OF BRAIN HYPEREXCITABILITY?  
R. Messina, M.A. Rocca, B. Colombo, E. Pagani, A. Falini, G. Comi, M. Filippi, Italy

22
IS GRAY MATTER ATROPHY A BIOMARKER OF MIGRAINE? A STUDY IN PEDIATRIC PATIENTS WITH MIGRAINE
R. Messina, M.A. Rocca, B. Colombo, E. Scola, A. Falini, G. Comi, M. Filippi, Italy

CLINICAL EFFECTIVENESS OF OSTEOPATHIC MANIPULATIVE TREATMENT VERSUS SHAM THERAPY AND USUAL CARE IN CHRONIC MIGRAINE: 3 ARMED RCT
F. Cerritelli, L. Ginevri, G. Messi, E. Caprari, C. Renzetti, V. Cozzolino, G. Barlafante, N. Foschi, L. Provinciali, Italy

Coffee Break, Poster Viewing and Exhibition Visit

Free Papers Session 8: Neuro-rehabilitation
Chairpersons: R. Stien, Norway
W.D. Byblow, New Zealand

PRIMING AT THE SUB-ACUTE STAGE AFTER STROKE ACCELERATES RECOVERY OF UPPER LIMB FUNCTION
W.D. Byblow, C.M. Stinear, M.A. Petoe, S. Anwar, P.A. Barber, New Zealand

SMOOTH PURSUIT EYE MOVEMENT TRAINING ACCELERATES RECOVERY FROM AUDITORY/VISUAL NEGLECT AND REDUCES DISABILITY AND UNAWARENESS: 2 RANDOMIZED CONTROLLED TRIALS
G. Kerkhoff, S. Reinhart, W. Ziegler, F. Artinger, V. Völzke, M. Brasse, L. Bucher, I. Keller, Germany

REPETITIVE SENSORY STIMULATION IN STROKE REHABILITATION - PERSPECTIVES AND POTENTIAL
H.R. Dinse, J.C. Kattenstroth, T. Kalisch, M. Tegenthoff, Germany

THE EFFECTS OF MIRROR THERAPY ON ARM AND HAND FUNCTION IN SUBACUTE STROKE INPATIENTS
A. Radajewska, J. Opara, A. Malecki, J. Szczygieł, Poland

VIRTUAL REALITY GAME-BASED THERAPY FOR RESTORING POSTURAL AND COORDINATION ABNORMALITIES IN PATIENTS WITH TBI
K. Ustinova, J. Perkins, USA
Sunday, September 22, 2013

14:30-16:00 Hall I

15:20 NEUROPROTECTIVE ROLE OF DOCOSAHEXAENOIC ACID AND GAMMA-LINOLENIC ACID IN LEAD INDUCED NEUROLOGICAL DEFICIT IN SWISS ALBINO MICE
S. Yadav, V. Sharma, India

16:00 Coffee Break, Poster Viewing and Exhibition Visit

14:30-16:00 Hall J

Free Papers Session 7: Neuro-rehabilitation

Chairpersons: H. Thieme, Germany
Y. Vandermeeren, Belgium

14:30 INTRACORTICAL GABA IS DECREASED AFTER STROKE AND FURTHER SUPPRESSED WITH SUCCESSFUL REHABILITATION
J.U. Blicher, J. Near, E. Næss-Schmidt, L. Østergaard, H. Johansen-Berg, Y.-C.L. Ho, Denmark, Canada, UK

14:40 CARE ASSISTANT SUPPORT FOLLOWING SPECIALIST REHABILITATION FOR PEOPLE WITH PARKINSON’S AND CARERS IN THE COMMUNITY: FINDINGS FROM THE SPIRITT RCT

14:50 ONABOTULINUMTOXINA IN LOWER LIMB SPASTICITY: SAFETY RESULTS FROM A POOLED ANALYSIS
N. Earl, L. James, G. Shi, G. Demos, R. Dimitrova, USA

15:00 MIRROR THERAPY FOR IMPROVING MOTOR FUNCTION AFTER STROKE
H. Thieme, J. Mehrholz, M. Pohl, J. Behrens, C. Dohle, Germany

15:10 NEURAL SUBSTRATES UNDERLYING EARLY MOTOR SKILL LEARNING IN CHRONIC STROKE PATIENTS: A FMRI STUDY
S. Lefebvre, L. Dricot, W. Grdowski, P. Laloux, P. Desfontaines, F. Evrard, A. Peeters, J. Jamart, Y. Vandermeeren, Belgium, Poland

15:20 MIRROR THERAPY FOR PATIENTS WITH SEVERE ARM PARESIS AFTER STROKE - A RANDOMIZED CONTROLLED TRIAL
H. Thieme, M. Bayn, M. Wurg, C. Zange, M. Pohl, J. Behrens, Germany, Switzerland
Sunday, September 22, 2013

14:30-16:00 Hall K

Teaching Course 15: Stroke (advanced) - translational research to bridge the gap

Chairpersons:  R. Veltkamp, Germany  
               S. Davis, Australia

14:30  OPPORTUNITIES AND CHALLENGES OF NEW ORAL ANTICOAGULANTS IN STROKE  
       R. Veltkamp, Germany

15:15  BIOMARKERS IN STROKE  
       D. Howells, Australia

16:00  Coffee Break, Poster Viewing and Exhibition Visit

14:30-16:00 Hall L

Teaching Course 14: Neuro Genetics

Chairpersons:  F. Zimprich, Austria  
               J.-M. Burgunder, Switzerland

14:30  THE APPROACH OF THE PATIENT WITH A POTENTIAL NEUROGENETIC DISORDER  
       J.-M. Burgunder, Switzerland

15:15  NEW GENETIC TECHNIQUES: HOW THEY WORK AND WHAT THEY CAN DO. SIMPLY EXPLAINED FOR CLINICIANS  
       J. Hardy, UK

16:00  Coffee Break, Poster Viewing and Exhibition Visit

14:30-16:00 Hall M

Teaching Course 17: Palliative Care in Neurology

Chairpersons:  G.-D. Borasio, Switzerland  
               D. Oliver, UK

14:30  HOW TO BREAK BAD NEWS IN NEUROLOGY  
       G.-D. Borasio, Switzerland

15:15  HOW TO EFFECTIVELY TREAT DYSPNEA IN THE NEUROLOGICAL PATIENT  
       W. Johnston, Canada

16:00  Coffee Break, Poster Viewing and Exhibition Visit

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<td>14:30-16:00</td>
<td>Free Teaching Course 12: AAN advocacy workshop (cont.)</td>
<td>M. Wasay, Pakistan</td>
<td>Hall N</td>
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<td>W. Grisold, Austria</td>
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<td>14:30</td>
<td>COMMUNICATIONS AND MEDIA</td>
<td>W. Struhal, Austria</td>
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<td>15:00</td>
<td>LOCATING AND USING ADVOCACY RESOURCES</td>
<td>W. Grisold, Austria</td>
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<td>15:30</td>
<td>BREAKOUT SESSION</td>
<td>W. Grisold; W. Struhal, Austria</td>
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<td>16:00</td>
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<td>14:30-16:00</td>
<td>Teaching Course 16: Muscle Disease</td>
<td>I. Nishino, Japan</td>
<td>Hall O</td>
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<td>D. Hilton-Jones, UK</td>
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<td>14:30</td>
<td>GENERAL CLINICAL ASPECTS OF MUSCLE DISEASE</td>
<td>D. Hilton-Jones, UK</td>
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<td>15:15</td>
<td>BASICS IN MUSCLE PATHOLOGY</td>
<td>I. Nishino, Japan</td>
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16:30-18:00  Hall A

Surgical treatment for epilepsy

Chairpersons:

J. Engel Jr., USA
E. Pataraia, Austria

16:30  WHO SHOULD BE REFERRED FOR SURGICAL THERAPY?
       J. Engel Jr., USA

16:50  BENEFITS OF SURGICAL THERAPY
       S. Wiebe, Canada

17:10  MINIMUM REQUIREMENTS FOR AN EPILEPSY SURGERY CENTER
       K. Radhakrishnan, India

17:30  THE IMPACT OF GOVERNMENTALLY SPONSORED EPILEPSY SURGERY CENTERS
       A. Palmini, Brazil

16:30-18:00  Hall B

“Sensory profiles” in chronic pain: from symptoms to mechanism and possibly to targeted treatment

Chairpersons:

G. Cruccu, Italy
R. Baron, Germany

16:30  THE “SENSORY PROFILE” THEORY
       R. Baron, Germany

17:00  SUPPORT FROM BASIC NEUROSCIENCE
       D. Bouhassira, France

17:30  SUPPORT FROM CLINICAL NEUROPHYSIOLOGY
       A. Truini, Italy
Sunday, September 22, 2013

16:30-18:00

Hall C

Responding to the Global Burden of Headache

A Joint presentation of Lifting the Burden and the World Federation of Neurology

Chairpersons: T. Steiner, UK
               S.-J. Wang, Taiwan

16:30  GLOBAL BURDEN OF HEADACHE
       T. Steiner, UK

16:50  COST OF HEADACHE DISORDERS AND CAN THEY BE REDUCED?
       M. Linde, Norway

17:10  EPIDEMIOLOGY OF HEADACHE IN ASIA
       S.-J. Wang, Taiwan

17:30  HEADACHE SERVICE IN DEVELOPING COUNTRIES
       Z. Katsarava, Germany

16:30-18:00

Hall D

Neurology, Health Economics, and Outcomes

Chairpersons: B. Vickrey, USA
               O. Abramsky, Israel

16:30  HEALTH ECONOMICS - BASICS FOR NEUROLOGISTS
       R. Dodel, Germany

16:50  NICE EPILEPSY GUIDELINES: OUTCOMES, QUALITY STANDARDS AND PERFORMANCE
       T. Marson, UK

17:10  APPROACHES TO ASSESSING OUTCOMES AND HEALTH CARE UTILIZATION USING POPULATION BASED DATA AND CHALLENGES IN CROSS-NATIONAL STUDIES
       N. Jette, USA

17:30  ACCESSIBILITY OF TREATMENTS, AND THE NEUROLOGIST-PATIENT DIALOGUE
       B. Vickrey, USA
Sunday, September 22, 2013

16:30-18:00  Hall E

Regional Session: Africa
Chairpersons:  R. Gouider, Tunisia

16:30  NEUROPATHY SCREENING IN AFRICA  
T. Sonan, Ivory Coast

16:50  INHERITED FOCAL NEUROPATHIES  
R. Gouider, Tunisia

17:10  DIABETIC NEUROPATHIES  
E. Feldman, USA

17:30  INFECTIOUS NEUROPATHIES  
M. Zebenigus, Ethiopia

16:30-18:00  Hall G

Teaching Course 19: Neuroimaging (cont.)
Chairpersons:  C. Enzinger, Austria  
M. Filippi, Italy

16:30  MULTIPLE SCLEROSIS AND ALLIED WHITE MATTER CONDITIONS  
C. Enzinger, Austria

17:15  STROKE  
Speaker TBC
Free Papers Session 6: Headache

Chairpersons: O. Abdulghani, Egypt  
C. Bischoff, Germany

16:30 ALTERED RESTING STATE FUNCTIONAL CONNECTIVITY IN PATIENTS WITH HEADACHE AND MEDICATION OVERUSE  
F. Riederer, S. Kollias, A. Gantenbein, S. Schreglmann, M. Rosenberg-Nordmann, L. Michels, Switzerland

16:40 PRIMARY STABBING HEADACHE: A NEW DURAL SINUS STENOSIS-ASSOCIATED PRIMARY HEADACHE?  
A. Ranieri, S. Montella, R. De Simone, Italy

16:50 CHRONIC HEADACHE AND OVER-THE-COUNTER MEDICATION OVERUSE: PREVALENCE AND LIFESTYLE FACTORS  
M.L. Westergaard, C. Glümer, E. Holme Hansen, R.H. Jensen, Denmark

17:00 STIMULATION OF THE SPHENOPALATINE GANGLION (SPG) FOR CLUSTER HEADACHE (CH)-PATHWAY CH-1- EFFECTIVENESS AND QUALITY OF LIFE THROUGH 18 MONTHS  
R. Jensen, J. Schoenen, J.M. Láinez, C. Gaul, A. Goodman, A. Caparso, A. May, Denmark, Belgium, Spain, Germany, USA

17:10 DEXKETOPROFEN TROMETAMOL IN THE ACUTE TREATMENT OF MIGRAINE ATTACK: A PHASE II, RANDOMIZED, DOUBLE-BLIND, CROSSOVER, PLACEBO-CONTROLLED, DOSE OPTIMIZATION STUDY  
F. Mainardi, F. Maggioni, D. Pezzola, D. Zava, G. Zanchin, Italy

17:20 COGNITIVE FUNCTION PATIENTS WITH IDIOPATHIC INTRACRANIAL HYPERTENSION  
H. Yri, B. Fagerlund, R. Jensen, Denmark
Sunday, September 22, 2013

Free Papers Session 9: Neuro-rehabilitation

Chairpersons: R. Takahashi, Japan  
R. Stien, Norway

16:30 FUNCTIONAL CONNECTIVITY NETWORK BREAKDOWN AND RESTORATION IN BLINDNESS  
M. Bola, C. Gall, C. Moewes, A. Fedorov, H. Hinrichs, B.A. Sabel, Germany

16:40 ISLANDS OF CONSCIOUSNESS IN VEGETATIVE STATE OR FUNCTIONAL LOCKED-IN SYNDROME?  
R. Formisano, S. Catani, C. Falletta Caravasso, M. D’Ippolito, F. de Pasquale, U. Sabatini, Italy

16:50 STROKE AND APHASIA QUALITY OF LIFE SCALE (SAQOL-39). EVALUATION OF ACCEPTABILITY, RELIABILITY AND VALIDITY OF CHILEAN VERSION  
V. Diaz, R. Gonzalez, D. Salgado, D. Perez, Chile

17:00 MODULATION OF CORTICAL PLASTICITY BY WHOLE-HAND ELECTRICAL STIMULATION IN ATTEMPT TO IMPROVE HAND MOTOR FUNCTIONS AFTER STROKE  

17:10 NEUROMODULATION OF THE SENSORIMOTOR CORTEX BY VIBRATION STIMULATION OF THE WHOLE-HAND  
S.M. Golaszewski, M. Seidl, A.B. Kunz, M. Christova, K. Schwenker, L.-S. Koenig, R. Nardone, E. Trinka, F. Gerstenbrand, Austria, Italy

17:20 IMPACT OF SOFT-TISSUE-SHORTENING ON GOAL ACHIEVEMENT IN PATIENTS TREATED WITH BOTULINUM-TOXIN A (BONT-A) FOR POST-STROKE UPPER-LIMB-SPASTICITY (ULIS-2 STUDY)  
S. Ashford, K. Theodoroff, J. Jacinto, L. Turner-Stokes, UK, Austria, Portugal
Free Papers Session 10: Pain

Chairpersons:  H. Thieme, Germany
               K. Kulkantrakorn, Thailand

16:30  PREOPERATIVE INTRADERMAL ACUPUNCTURE REDUCES POSTOPERATIVE PAIN, NAUSEA AND VOMITING, ANALGESIC REQUIREMENT AND SYMPATHOADRENAL RESPONSES
       E. Philip, Ghana

16:40  SENSORY PROFILE AND ITS IMPACT ON QUALITY OF LIFE IN PATIENTS WITH PAINFUL DIABETIC POLYNEUROPATHY
       K. Kulkantrakorn, C. Lorsuwansiri, Thailand

16:50  DYNAMIC EVALUATION OF THE CERVICAL SPINE IN 3T REVEALS POSITION-DEPENDENT CHANGES OF PATHOLOGY IN PATIENTS WITH CERVICAL PAIN SYNDROME
       A. Ragoschke-schumm, F. Rauer, T.E. Mayer, Germany

17:00  CONTROL OF CHRONIC PAIN BY THE UBIQUITIN PROTEASOME SYSTEM
       T. Yakovleva, M.H. Ossipov, A.S. Ahmed, G. Bakalkin, Sweden, USA

17:10  GREY MATTER CHANGES IN CHRONIC PAIN PATIENTS WITH AND WITHOUT UNILATERAL NONDERMATOMAL SENSORY DEFICITS (NDSDS)

       A. Afif, D. Hoffmann, L. Minotti, P. Kahane, France
Sunday, September 22, 2013

16:30-18:00  Hall K

Teaching Course 15: Stroke (advanced) - translational research to bridge the gap (cont.)

Chairpersons:  S. Davis, Australia  
                R. Veltkamp, Germany

16:30  TRANSLATIONAL PERSPECTIVES FOR REGENERATION  
       C. Gerloff, Germany

17:15  NEW DEVELOPMENTS IN REPERFUSION THERAPIES FOR ACUTE STROKE - NEW IV LYTICS, PENUMBRAL SELECTION, IA THERAPY - CLOT RETRIEVAL ETC  
       S. Davis, Australia

16:30-18:00  Hall L

Teaching Course 14: Neuro Genetics (cont.)

Chairpersons:  F. Zimprich, Austria  
                J.-M. Burgunder, Switzerland

16:30  AN EXAMPLE OF PRACTICAL NEUROGENETICS: MOTONEURON DISORDERS AND NEUROPATHIES  
       S. Kuzuhara, Japan

17:15  PHARMACOGENETICS: HOW FAR HAVE WE COME AND WHAT CAN WE EXPECT?  
       F. Zimprich, Austria

16:30-18:00  Hall M

Teaching Course 17: Palliative Care in Neurology (cont.)

Chairpersons:  G.-D. Borasio, Switzerland  
                D. Oliver, UK

16:30  HOW TO TAKE CARE OF NEUROLOGICAL PATIENTS IN THE LAST DAYS OF LIFE  
       D. Oliver, UK

17:15  HOW TO DEAL WITH WISHES FOR HASTENED DEATH  
       A. Pace, Italy
Sunday, September 22, 2013

16:30-18:00  Hall N

Free Teaching Course 12: AAN advocacy workshop (cont.)

Chairpersons:  M. Wasay, *Pakistan*  
                W. Grisold, *Austria*

16:30  BREAKOUT SESSION  
       W. Struhal; W. Grisold; M. Wasay, *Austria, Pakistan*

17:00  PRESENTING YOUR ACTION PLAN AND SOUND BITE (5 MINUTES EACH FOR SELECTED PARTICIPANTS)

16:30-18:00  Hall O

Teaching Course 16: Muscle Disease (cont.)

Chairpersons:  I. Nishino, *Japan*  
                D. Hilton-Jones, *UK*

16:30  STATINS AND MUSCLE DISEASES  
       A. Toscano, *Israel*

17:15  PREGNANCY COMPLICATIONS  
       M. de Visser, *The Netherlands*
Opening Ceremony

Chairpersons:  E. Auff, Austria  
               V. Hachinski, Canada

MUSICAL INTERLUDE 
Vienna State Opera Children’s Choir

WELCOME ADDRESS
Eduard Auff, Congress president
Vladimir Hachinski, President of the WFN
Richard Hughes, President of the EFNS
Sonja Wehsely, City councilor for Health of Vienna
Heinz Fischer, Federal President of Austria (by video)

The Opening Ceremony is held under the Patronage of: 
Karlheinz Töchterle, Austrian Federal Minister for Science and Research
Alois Stöger, diploma, Austrian Federal Minister of Health
Michael Häupl, Mayor of the City of Vienna

INTERLUDE
Cross Road: Austria

FOLLOWED BY A NETWORKING RECEPTION
Monday, September 23, 2013

07:00-08:00 Hall D
Teaching Course 20: How to Examine a Patient with muscle weakness
Speaker: D. Hilton-Jones, UK

07:30-09:00 Hall A
Plenary Lectures 2, 3 & 4
Chairpersons: W. Poewe, Austria
R. Shakir, UK

07:30 ADVANCES IN CHILDHOOD EPILEPSY
J. Wilmhurst, South Africa

08:00 B SINGHAL LECTURE: NEUROLOGY OF AGING
A. Massaro, Brazil

08:30 VICTOR AND CLARA SORIANO LECTURE:
RECANALIZATION IN ACUTE ISCHEMIC STROKE
W. Hacke, Germany

09:00-10:45 Hall A
Presidential Session
Chairpersons: E. Auff, Austria
V. Hachinski, Canada

09:00 MEDALS AND LIFETIME ACHIEVEMENT AWARDS

09:15 PRESIDENT OF THE WFN LECTURE:
BRAIN HEALTH - THE SUPREME WEALTH
V. Hachinski, Canada

09:50 CONGRESS PRESIDENT LECTURE:
NEUROLOGY IN THE AGE OF GLOBALIZATION
E. Auff, Austria

10:25 THE SOCIETAL & HEALTH CHALLENGES IN EUROPE
M. Baker, UK

10:45 Coffee Break, Poster Viewing and Exhibition Visit
Monday, September 23, 2013

11:15-12:45 Hall A

**Acute stroke therapies: current status and future directions**

*Joint World Federation of Neurology/World Stroke Organization Session*

**Chairpersons:** S. Davis, *Australia*  
C. Meshram, *India*

11:15 **THROMBOLYTIC THERAPY FOR STROKE: ARE THERE RESIDUAL UNCERTAINTY AREAS?**  
P. Sandercock, *UK*

11:35 **ENDOVASCULAR THERAPY FOR STROKE - FOR WHOM, BY WHOM?**  
H. Mattle, *Switzerland*

11:55 **IMAGING ISSUES IN ACUTE STROKE THERAPIES**  
S. Davis, *Australia*

12:15 **INTRINSIC AND EXTRINSIC BRAIN PROTECTION STRATEGIES**  
U. Dirnagl, *Germany*

12:30 Lunch Break, Poster Viewing and Exhibition Visit

11:15-12:45 Hall B

**Advances in inflammatory neuropathies**

**Chairpersons:** E. Nobile-Orazio, *Italy*  
J.M. Leger, *France*

11:15 **GUILLAIN BARRÉ SYNDROME**  
P. van Doorn, *The Netherlands*

11:35 **CHRONIC INFLAMMATORY DEMYELINATING POLYRADICULONEUROPATHY**  
E. Nobile-Orazio, *Italy*

11:55 **MULTIFOCAL MOTOR NEUROPATHY**  
D. Cornblath, *USA*

12:15 **NEUROPATHY AND MONOCLONAL GAMMOPATHY**  
J.M. Leger, *France*

12:30 Lunch Break, Poster Viewing and Exhibition Visit
Monday, September 23, 2013

11:15-12:45  Hall C

Palliative care

A presentation of the World Federation of Neurology’s Applied Research Group on Palliative Care

Chairpersons:  G.-D. Borasio, Switzerland  
               M. Schwartz, UK

11:15  PALLIATIVE CARE IN NEUROLOGY: PRINCIPLES AND PRACTICE  
       G.-D. Borasio, Switzerland

11:35  PALLIATIVE CARE AND NEUROLOGY: A GLOBAL PERSPECTIVE  
       M.R. Rajagopal, India

11:55  AMYOTROPHIC LATERAL SCLEROSIS: A PARADIGMATIC DISEASE FOR NEUROLOGICAL PALLIATIVE CARE  
       W. Johnston, Canada

12:15  ETHICAL ISSUES IN NEUROLOGICAL PALLIATIVE CARE  
       R. Jox, Germany

12:30  Lunch Break, Poster Viewing and Exhibition Visit

11:15-12:45  Hall D

Leukoencephalopathies and Child Neurology

Joint World Federation of Neurology / International Child Neurology Association Session

Chairpersons:  J. Wilmshurst, South Africa  
               B. Anlar, Turkey

11:15  NEW FORMS OF LEUKODYSTROPHY  
       M. Van der Knaap, The Netherlands

11:35  LEUKODYSTROPHIES RELATED TO SYSTEMIC DISEASE E.G. MALNUTRITION, VITAMIN DEFICIENCIES, COELIAC DISEASE, TOXINS, SLE, AND HYPERTENSION  
       B. Anlar, Turkey

11:55  LEUKODYSTROPHIES RELATED TO NEUROINFECTIONS IN CHILDREN  
       J. Wilmshurst, South Africa

12:15  MITOCHONDRIAL DISEASES MIMICKING LEUKODYSTROPHIES  
       I. Tein, Canada
Monday, September 23, 2013

11:15-12:45  Hall E

Biomarkers

Chairpersons:  F. Deisenhammer, Austria
               A. Malaspina, UK

11:15  THE ROLE OF BIOMARKERS FOR MONITORING THE COURSE OF MOTOR NEURON DISEASE
       A. Malaspina, UK

11:35  THE IMPACT OF BIOMARKERS ON THE DEFINITION AND OUTCOME OF MULTIPLE SCLEROSIS
       F. Deisenhammer, Austria

11:55  THE ROLE OF BIOMARKERS IN THE DIAGNOSIS AND TREATMENT OF ALZHEIMER’S DISEASE
       K. Blennow, Sweden

12:15  USING BIOMARKERS TO DIAGNOSE PARKINSON’S DISEASE IN THE PRE-MOTOR STAGE
       D. Berg, Germany

12:30  Lunch Break, Poster Viewing and Exhibition Visit

11:15-12:45  Hall G

World Health Organization Neurology Initiatives

Chairpersons:  D. Bergen, USA
               T. Dua, Switzerland

11:15  NON-COMMUNICABLE DISEASE INITIATIVE
       T. Dua, Switzerland

11:35  MHGAP PROGRAMME, CLOSING THE MENTAL HEALTH GAP
       S. Saxena, Switzerland

11:55  REVISING THE ICD-10
       R. Shakir, UK

12:15  THE WORLD BRAIN ALLIANCE - SPEAKING UP FOR BRAIN HEALTH
       V. Hachinski, Canada

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Free Papers Session 11: Neuromuscular disorders

Chairpersons: J. Kimura, Japan
              J. Aarli, Norway

11:15  INCREASED PROGRANULIN IN THE SKIN OF AMYOTROPHIC LATERAL SCLEROSIS: AN IMMUNOHISTOCHEMICAL STUDY
       K. Yasui, S. Ono, Japan

11:25  DECREASED AMOUNT OF COLLAGEN IN THE SKIN OF AMYOTROPHIC LATERAL SCLEROSIS IN THE KII PENINSULA OF JAPAN
       T. Tsukie, S. Ono, Japan

11:35  AUTOSOMAL RECESSIVE LIMB GIRDLE MUSCULAR DYSTROPHY: PROSPECTIVE STUDY AND CHARACTERISATION OF 280 CASES BY IMMUNOHISTOCHEMISTRY AND IMMUNOBLOTTING
       A. Nalini, India

11:45  A RETROSPECTIVE REVIEW OF AUTONOMIC SCREENING TESTS CONDUCTED AT A TERTIARY GENERAL HOSPITAL
       O.S.Q. Koh, L.B. Tay, M.M. Li, T. Umapathi, Singapore

11:55  MUSCLE MAGNETIC RESONANCE IMAGING (MRI) IN PATIENTS WITH LGMD 2I CONFIRMED BY IMMUNOHISTOCHEMISTRY AND / OR IMMUNOBLOTTING
       A. Ramakrishna, A. Nalini, N. Gayathri, M.M.S. Bharath, B. Sunita, K. Polavarapu, India

12:05  THE IMPORTANCE OF FOLLOW-UP THORACIC IMAGING IN MYASTHENIA GRAVIS PATIENTS

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Free Papers Session 12: Neuromuscular disorders

Chairpersons: M. de Visser, The Netherlands
D.B. Vodusek, Slovenia.

11:15 THE UP-REGULATION OF IL-1Β/TGF-B1 AND HYPOXIA INDUCED IN IMMOBILIZATION ARE RELATED TO THE MOLECULAR MECHANISMS UNDERLYING MUSCLE CONTRACTURE
Y. Honda, Y. Kondo, R. Sasabe, Y. Sekino, Y. Morimoto, H. Kataoka, J. Sakamoto, J. Nakano, T. Yoshimura, M. Okita, Laboratory of Locomotive Rehabilitation Science, Japan

11:25 PLASMA CORTISOL LEVELS IN AMYOTROPIC LATERAL SCLEROSIS
R. Spataro, P. Volanti, F. Vitale, T. Colletti, D. De Cicco, F. Meli, V. La Bella, Italy

11:35 ULTRASONOGRAPHY DOES NOT INCREASE SENSITIVITY OF THE CARPAL TUNNEL SYNDROME ELECTRODIAGNOSIS
G. Omejec, S. Podnar, Slovenia

11:45 ANOCTAMIN 5 MYOPATHY: MORE PATIENTS, MORE PHENOTYPES
A. Behin, F. Leturcq, M. Cossée, K. Wahbi, N. Deburgrave, H.-M. Bécane, R.-Y. Carlier, P. Laforêt, T. Stojkovic, P. Carlier, B. Eymard, France

11:55 CLINICAL, ULTRASTUCTURAL STUDY OF TRASPORTINOPATHY, A NEW NUCLEAR ENVELOPE LGMD
C. Angelini, E. Peterle, M. Fanin, G. Cenacchi, V. Nigro, Italy

12:05 NEUROANATOMICAL PATTERNS OF CENTRAL NERVOUS SYSTEM INVOLVEMENT IN MYOTONIC DYSTROPHY TYPE 1 AND CLINICAL CORRELATES
F. Caso, F. Agosta, S. Peric, V. Rakocevic-Stojanovic, L. Sarro, V.S. Kostic, M. Filippi, Italy, Serbia

12:30 Lunch Break, Poster Viewing and Exhibition Visit
Free Papers Session 13: Neuromuscular disorders

Chairperson: E. Feldman, USA
W. Loescher, Austria

11:15 ETIOLOGICAL CONSIDERATION OF 26 PATIENTS WITH DROPPED HEAD SYNDROME
K. Uchino, G. Ogawa, T. Chiba, K. Hokkoku, Y. Hatanaka, M. Sonoo, Japan

11:25 PROGRESS REPORT ON THE DEVELOPMENT OF NEW CLASSIFICATION CRITERIA FOR ADULT AND JUVENILE IDIOPATHIC INFLAMMATORY MYOPATHIES
M. de Visser, A. Tjämlund, M. Bottai, L.G. Rider, V.P. Werth, C. Pilkington, L. Alfredsson, A.A. Amato, R.J. Barohn, M.H. Liang, J.A. Singh, F.W. Miller, I.E. Lundberg, The Netherlands, Sweden, USA, UK

11:35 COMPLEX CHROMOSOMAL REARRANGEMENTS IN A PATIENT WITH OLIGOZOOOSPERMIA AND CHARCOT-MARIE-TOOTH DISEASE
G.J. Braathen, V. Haugan, A.G.F. Helland, K.O. Clausen, Norway

11:45 INCREASED PREVALENCE OF MALIGNANCY IN MITOCHONDRIAL DISORDERS
J. Finsterer, E. Krexner, Austria

11:55 AUTOSOMAL RECESSIVE CEREBELLAR ATAXIA: A CLINICAL AND GENETIC STUDY

12:05 PATHWAYS OF CARE OF ITALIAN PATIENTS IN VEGETATIVE STATE AND MINIMALLY CONSCIOUS STATE: RESULTS FROM A NATIONAL STUDY
V. Covelli, M. Pagani, A.M. Giovannetti, D. Sattin, P. Meucci, M. Cerniauskaite, R. Quintas, S. Schiavolin, A. Raggi, M. Leonardi, Italy

12:15 DIAGNOSIS AND MANAGEMENT OF NEURO-BEHÇET'S DISEASE: INTERNATIONAL CONSENSUS RECOMMENDATIONS
S. Kalra, A. Silman, G. Akman-Demir, S. Bohleaga, A. Borhani-Haghighi, C. Constantinescu, H. Houman, A. Mahr, C. Salvarani, P. Sifakis, A. Siva, A. Al-Araj, UK, Turkey, Saudi Arabia, Iran, Tunisia, France, Italy

12:30 Lunch Break, Poster Viewing and Exhibition Visit
Monday, September 23, 2013

Free Papers Session 14: Neuromuscular disorders

Chairpersons: J. Yeung, Hong Kong S.A.R.  
                K. Jellinger, Austria

11:15  PRELIMINARY REPORT OF TROPALS STUDY - A SURVEY OF AMYOTROPHIC LATERAL SCLEROSIS IN AFRICA  
       B. Marin, M. Diagana, B. Hamidou, R. Gouider, A. Basse Faye, A. Balogou, D. Houinato, P. Couratier,  
       P.M. Preux, TROPALS Collaboration, France, Mauritania, Tunisia, Senegal, Togo, Benin

11:25  INTERFERON GAMMA AS A POTENTIAL THERAPY FOR FRIEDREICH ATAXIA  
       B. Tomassini, G. Arcuri, S. Fortuni, C. Sandi, V. Ezzatizadeh, C. Casali, I. Condo, F. Malisan, S. Al-  
       Mahdawi, M. Pook, R. Testi, Italy, UK

11:35  LATE-ONSET NON-THYMOMATOUS GENERALIZED MYASTHENIA GRAVIS  
       S. Yildiz-Celik, H. Durmus, V. Yilmaz, P. Serdaroglu-Oflazer, Y. Gulsen-Parman, G. Saruhan-Direskeneli,  
       F. Deymeer, Turkey

11:45  SUBDERMAL NEEDLE ELECTRODE FACILITATES RECORDING OF LUMBAR N22 TIBIAL SEP RESPONSES  
       B.E. Smith, J.C. Watson, B.P. Goodman, M.A. Ross, USA

11:55  DETECTION OF LIMB GIRDLE MUSCULAR DYSTROPHY 2A (CALPAINOPATHY) BY AUTOCATALYTIC ACTIVITY OF CALPAIN AND BY QUANTIFICATION OF CALPAIN BANDS BY DENSITOMETRY  
       S. Modi, A. Nalini, N. Gayathri, M.S. Bharath, B. Sunitha, K. Polavarapu, India

12:05  CARPAL TUNNEL SYNDROME: THE POSSIBILITY OF EARLY DIAGNOSIS  
       E. Bakhtereva, V. Shirokov, E. Leyderman, Russia

12:15  PSYCHOSOCIAL FACTORS RELEVANT TO BRAIN DISORDERS IN EUROPE (PARADISE)  
       Baker, S. Hartley, M. Anczewska, T. Pitkänen, PARADISE Consortium, UK, Germany, Switzerland,  
       Spain, Italy, Belgium, Poland

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Free Papers Session 15: Stroke

Chairpersons: G. Saposnik, Canada
              M. Knoflach, Austria

11:15  WALKING RECOVERY IN THE FIRST-YEAR AFTER STROKE: RESULTS FROM THE LEAPS RCT
       K.J. Sullivan, S.Y. Cen, Stroke, USA

11:25  PREDICTORS OF LONG-TERM SURVIVAL AMONG FIRST-EVER ISCHEMIC AND HEMORRHAGIC STROKE IN A BRAZILIAN STROKE COHORT
       A. Goulart, T.G. Fernandes, I.S. Santos, A.P. Alencar, I.M. Bensenor, P.A. Lotufo, Brazil

11:35  RELEVANCE OF GENETIC POLYMORPHISMS IN FAMILIAL INTRACRANIAL ANEURYSM IN BRAZILIAN POPULATION

11:45  FUNCTIONAL RECOVERY AFTER ISCHEMIC STROKE - A MATTER OF AGE. RESULTS FORM THE AUSTRIAN STROKE UNIT REGISTRY

11:55  PREVALENCE OF CARDIOEMBOLIC STROKE INCREASED SIGNIFICANTLY IN CHINESE POPULATION IN THE PAST 10 YEARS
       Y. Soo, X. Huang, X.Y. Chen, N. Chan, V. Ip, L. Au, F. Fan, A. Chan, T. Leung, L.K.S. Wong, Hong Kong S.A.R., China

12:05  HOW ACCURATE ARE CLINICIANS WHEN ESTIMATING STROKE OUTCOMES? RESULTS FROM THE JURASSIC RANDOMIZED STUDY
       G. Saposnik, R. Cote, R. Raptis, M. Mamdani, K. Thorpe, J. Fang, D. Redelmeier, L.B. Goldstein, JURASSIC Study Group, Canada, USA

12:15  EFFECTS OF MLC601 ON EARLY RECURRENT VASCULAR EVENTS IN POST-STROKE PATIENTS - THE CHIMES STUDY
       C. Chen, N. Venketasubramanian, C.F. Lee, K.S.L. Wong, M.-G. Bousser, for the CHIMES Study Investigators, Singapore, Hong Kong S.A.R., France

12:30  Lunch Break, Poster Viewing and Exhibition Visit
Monday, September 23, 2013

11:15-12:45  Hall O

Free Papers Session 16: Stroke

Chairpersons:  G.L. Lenzi, Italy
               D. Muresanu, Romania

11:15  ELECTROCARDIOGRAPHIC MAXIMAL P-WAVE DURATION IN PATIENTS WITH ACUTE ISCHEMIC STROKE: A NOVEL YARDSTICK IN DIAGNOSING ISCHEMIC-STROKE SUBTYPES?
M. Sugie, Y. Shimizu, K. Itaya, Y. Ohnaka, Y. Kamiya, H. Ichikawa, Japan

11:25  VASCULAR ENDOTHELIAL GROWTH FACTOR: GENETIC POLYMORPHISMS IN PATIENTS WITH INTRACRANIAL ANEURYSM AND ITS RELATION TO HYPERTENSION AND DIABETES MELLITUS

11:35  NANOWIRED CEREBROLYSIN ATTENUATED EXACERBATION OF BLOOD-BRAIN BARRIER BREAKDOWN, EDEMA FORMATION AND BRAIN PATHOLOGY AFTER HEATSTROKE IN DIABETIC AND HYPERTENSIVE RATS
D.F. Muresanu, A. Sharma, R. Patnaik, H. Moessler, H.S. Sharma, Romania, Sweden, India, Austria

11:45  TITLE: INDIAN APHASIA BATTERY: TOOL FOR SPECIFIC DIAGNOSIS OF LANGUAGE DISORDER POST STROKE
A. Nehra, D. Pershad, V. Sreenivas, India

11:55  SUPERFICIAL SIDEROSIS OF THE CENTRAL NERVOUS SYSTEM: A POST-MORTEM 7.0 TESLA MAGNETIC RESONANCE IMAGING STUDY WITH NEUROPATHOLOGICAL CORRELATES
J. De Reuck, Belgium

12:05  EFFECTS OF URIC ACID LEVELS ON OUTCOME IN SEVERE ISCHEMIC STROKE PATIENTS TREATED WITH INTRAVENOUS RTPA

12:15  HEMATOMA SIZE BUT NOT GCS SCORE ON ADMISSION PREDICTS IN-HOSPITAL CASE FATALITY IN THE VERY ELDERLY. A CASE CONTROL STUDY
M. Florczak-Rzepka, B. Piechowski-Joziwick, K. Gocyla, J. Sierdzinski, H. Kwiecinski, A. Kaminska, Poland, UK
Satellite Symposium Sponsored by Lundbeck & Teva:
Dopamine optimization and motor control in Parkinson’s disease

Chairperson: W. Poewe, Austria

13:00  CHAIRMAN’S INTRODUCTION: TREATMENT CONSIDERATIONS IN PARKINSON’S DISEASE
W. Poewe, Austria

13:05  MECHANISTIC BASIS FOR OPTIMIZING SYNAPTIC DOPAMINE IN THE TREATMENT OF PARKINSON’S DISEASE
P. Jenner, UK

13:35  CLINICAL STRATEGIES FOR EFFECTIVE MOTOR CONTROL IN ADJUNCTIVE THERAPY
S. Isaacson; W. Poewe, USA, Austria

14:15  Q&A PANEL DISCUSSION
W. Poewe, Austria
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<td>13:00</td>
<td>SYMPOSIUM INTRODUCTION</td>
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<td>J. Wokke, <em>The Netherlands</em></td>
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<td>13:05</td>
<td>DIAGNOSTIC GUIDANCE FOR FABRY DISEASE</td>
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<td>A. Burlina, <em>Italy</em></td>
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<td>13:20</td>
<td>CHALLENGING DIAGNOSTIC CASES</td>
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<td>R. Baron, <em>Germany</em></td>
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<td>13:35</td>
<td>Q &amp; A</td>
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<td>MULTI-DISEASE DIAGNOSTIC ALGORITHMS FOR</td>
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<td>PROXIMAL MUSCLE WEAKNESS AND PAUCI-SYMPTOMATIC HYPERCKEMIA</td>
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<td>P. Young, <em>Germany</em></td>
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<td>14:15</td>
<td>Q &amp; A AND CLOSING REMARKS</td>
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<td>J. Wokke, <em>The Netherlands</em></td>
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Satellite Symposium Sponsored by Takeda:

Current perspectives in post stroke cognitive impairment

Chairperson: M. Brainin, Austria

13:00 VASCULAR AND NEURONAL CROSS TALK IN CEREBRAL ISCHEMIA
A. Federico, Italy

13:30 CRITICAL ISSUES IN POST STROKE COGNITIVE IMPAIRMENT
M. Brainin, Austria

14:00 WHAT IS NEXT IN POST STROKE COGNITIVE IMPAIRMENT?
A. Guekht, Russia
Satellite Symposium Sponsored by Allergan:

On the path of discovery: New perspectives on the role of BOTOX® (botulinum toxin type A) in neurology

Chairperson: D. Dodick, USA

13:00  INTRODUCTION AND WELCOME
       D. Dodick, USA

13:05  THE TARGETED SENSORIMOTOR ACTION OF BOTOX®
       O. Dolly, Ireland

13:20  CERVICAL DYSTONIA: MORE THAN A MOTOR CONDITION
       M. Simonetta-Moreau, France

13:40  THE BURDEN OF MULTIPLE SCLEROSIS - ARE WE LOOKING IN THE RIGHT DIRECTION?
       C. Fowler, UK

14:00  SHEDDING LIGHT ON THE COMPLEX DISORDER OF CHRONIC MIGRAINE*
       *HEADACHES ON ≥15 DAYS PER MONTH, OF WHICH AT LEAST 8 DAYS WITH MIGRAINE
       D. Dodick, USA

14:20  Q&A AND MEETING CLOSE
       D. Dodick, USA
## Monday, September 23, 2013

### 14:45-16:15  
**Hall A**  

**Stroke in the Young**  

*Joint World Federation of Neurology/World Stroke Organization Session*  

**Chairperson:**  
**B. Norrving, Sweden**  
**J. Ferro, Portugal**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Country</th>
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<tbody>
<tr>
<td>14:45</td>
<td>NOVEL INSIGHTS IN CAUSES OF JUVENILE STROKE: DIAGNOSTIC AND THERAPEUTIC IMPLICATIONS</td>
<td>B. Norrving</td>
<td>Sweden</td>
</tr>
<tr>
<td>15:05</td>
<td>CADASIL - THE CONTINUATION OF THE STORY</td>
<td>H. Chabriat</td>
<td>France</td>
</tr>
<tr>
<td>15:25</td>
<td>STROKE RELATED TO PREGNANCY</td>
<td>J. Ferro</td>
<td>Portugal</td>
</tr>
<tr>
<td>15:45</td>
<td>CHILDHOOD STROKES: CLINICAL SPECTRUM AND MANAGEMENT</td>
<td>G. deVeber</td>
<td>Canada</td>
</tr>
<tr>
<td>16:15</td>
<td>Coffee Break, Poster Viewing and Exhibition Visit</td>
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### 14:45-16:15  
**Hall B**  

**Advances in Inherited neuropathies**

**Chairpersons:**  
**M. Zatz, Brazil**  
**M. Reilly, UK**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:45</td>
<td>UNDERSTANDING THE PATHOMECHANISMS OF INHERITED PERIPHERAL NEUROPATHIES</td>
<td>V. Timmerman</td>
<td>Belgium</td>
</tr>
<tr>
<td>15:05</td>
<td>CLINICAL PHENOTYPE OF GENETIC NEUROPATHIES</td>
<td>M. Reilly</td>
<td>UK</td>
</tr>
<tr>
<td>15:25</td>
<td>NERVE CONDUCTION STUDIES IN THE DIAGNOSIS OF INHERITED NEUROPATHY</td>
<td>R. Lewis</td>
<td>USA</td>
</tr>
<tr>
<td>15:45</td>
<td>THERAPEUTIC PERSPECTIVES IN GENETIC NEUROPATHIES</td>
<td>M. Shy</td>
<td>USA</td>
</tr>
<tr>
<td>16:15</td>
<td>Coffee Break, Poster Viewing and Exhibition Visit</td>
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</table>
Monday, September 23, 2013

14:45-16:15  Hall C

Autonomic Nervous System

A presentation by the World Federation of Neurology’s Applied Research Group on Autonomic Disorders

Chairpersons:  R. Freeman, USA
               M. Hilz, Germany

14:45  CENTRAL AND PERIPHERAL AUTONOMIC DISORDERS
       E. Benarroch, USA

15:05  STANDARD AND NOVEL TESTS OF AUTONOMIC FUNCTION
       R. Freeman, USA

15:25  GENETIC AUTONOMIC DISORDERS
       P. Cortelli, Italy

15:45  ASSESSMENT AND TREATMENT OF UROGENITAL FUNCTION
       M. Hilz, Germany

16:15  Coffee Break, Poster Viewing and Exhibition Visit

14:45-16:15  Hall D

Child neurology

Joint World Federation of Neurology / International Child Neurology Association Session

Chairpersons:  C. Newton, Kenya
               S. Alam, Pakistan

14:45  STROKE MIMICS AND DIFFERENTIAL DIAGNOSES
       V. Ganesan, UK

15:05  METABOLIC NEUROPATHIES IN CHILDHOOD
       R. Ouvrier, Australia

15:25  ETHICS IN CHILD NEUROLOGY
       C. Newton, Kenya

15:45  EPILEPSY AND COGNITION
       L. Lagae, Belgium

16:15  Coffee Break, Poster Viewing and Exhibition Visit
## Monday, September 23, 2013

### 14:45-16:15  
**Hall E**

**Autoimmune Encephalopathies**

**Chairpersons:** J. Dalmau, USA  
O. Seidi, Sudan

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:45</td>
<td>BASAL GANGLIA ENCEPHALITIS AND AUTOIMMUNE MOVEMENT DISORDERS IN CHILDREN</td>
<td>R. Dale, Australia</td>
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<tr>
<td>15:05</td>
<td>AUTOIMMUNE ENCEPHALITIS IN JAPAN</td>
<td>T. Iizuka, Japan</td>
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<tr>
<td>15:25</td>
<td>SPECTRUM OF SYMPTOMS AND CELLULAR AND SYNAPTIC MECHANISMS OF NMDA AND OTHER AUTOIMMUNE ENCEPHALITIS</td>
<td>J. Dalmau, USA</td>
</tr>
<tr>
<td>15:45</td>
<td>ENCEPHALITIS AND ANTIBODIES TO VGKC-RELATED PROTEINS</td>
<td>A. Vincent, UK</td>
</tr>
</tbody>
</table>

16:15 Coffee Break, Poster Viewing and Exhibition Visit

### 14:45-16:15  
**Hall G**

**Teaching Course 21: Update on different types of dementia**

**Chairpersons:** M. Emre, Turkey  
R.L. Arizaga, Argentina

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<tr>
<th>Time</th>
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<tr>
<td>14:45</td>
<td>COGNITIVE IMPAIRMENT: CURRENT APPROACH</td>
<td>R.L. Arizaga, Argentina</td>
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<tr>
<td>15:30</td>
<td>ALZHEIMER’S DISEASE: AN UPDATE</td>
<td>M. Emre, Turkey</td>
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</table>

16:15 Coffee Break, Poster Viewing and Exhibition Visit

53
Monday, September 23, 2013

14:45-16:15 Hall H

Teaching Course 22: Update on MS & Demyelinating Diseases: Heterogeneity of CNS inflammatory demyelinating disease: Moving toward individualized diagnosis and treatment

Chairpersons: R. Gold, Germany  
B. Weinshenker, USA

14:45  MS: A DISEASE OR A SYNDROME; HOW TO DIAGNOSE AND AVOID MISDIAGNOSIS (EMPHASIZING CLINICAL CONSIDERATIONS)  
B. Weinshenker, USA

15:30 AUTOANTIBODIES IN MS (AQP4, KIR4.1, MOG, NEUROFASCIN, AND OTHERS): WHAT IS THEIR CURRENT STATUS IN UNDERSTANDING THE DISEASE AND APPLICATION TO PERSONALIZED MEDICINE  
R. Gold, Germany

16:15 Coffee Break, Poster Viewing and Exhibition Visit

14:45-16:15 Hall I

Teaching Course 23: Clinical Neuropathology for Neurologists

Chairpersons: M. de Visser, The Netherlands  
J. Hainfellner, Austria

14:45 CYTOLOGICAL EXAMINATION OF THE CSF  
J. Hainfellner, Austria

15:05 MASS LESION IN THE BRAIN AND CLINICAL NEUROPATHOLOGY  
J. Hainfellner, Austria

15:25 MUSCLE WEAKNESS AND CLINICAL NEUROPATHOLOGY  
M. de Visser, The Netherlands

15:45 SENSORY ABNORMALITIES AND CLINICAL NEUROPATHOLOGY  
M. de Visser, The Netherlands

16:05 DISCUSSION

16:15 Coffee Break, Poster Viewing and Exhibition Visit
### Teaching Course 24: Neuroophthalmology

**Chairpersons:** N.J. Newman, *USA*  
D. Straumann, *Switzerland*

<table>
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<tr>
<th>Time</th>
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<tr>
<td>14:45</td>
<td>OPTIC NEUROPATHIES</td>
<td>N.J. Newman</td>
<td><em>USA</em></td>
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<tr>
<td>15:05</td>
<td>PAPILLEDEMA</td>
<td>V. Biousse</td>
<td><em>USA</em></td>
</tr>
<tr>
<td>15:25</td>
<td>ANISOCORIA</td>
<td>V. Biousse</td>
<td><em>USA</em></td>
</tr>
<tr>
<td>15:45</td>
<td>CASE PRESENTATIONS</td>
<td>N.J. Newman; V. Biousse</td>
<td><em>USA</em></td>
</tr>
</tbody>
</table>

**Discussion**

16:15 Coffee Break, Poster Viewing and Exhibition Visit

### Teaching Course 25: Channelopathies

**Chairpersons:** L. Ptacek, *USA*  
A. Vincent, *UK*

<table>
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<tbody>
<tr>
<td>14:45</td>
<td>AUTOANTIBODIES TO ION CHANNELS, RECEPTORS AND ASSOCIATED PROTEINS</td>
<td>A. Vincent</td>
<td><em>UK</em></td>
</tr>
<tr>
<td>15:30</td>
<td>CHANNELS IN FAMILIAL HEMIPLEGIC MIGRAINE</td>
<td>A. van den Maagdenberg</td>
<td><em>The Netherlands</em></td>
</tr>
</tbody>
</table>

16:15 Coffee Break, Poster Viewing and Exhibition Visit

### Teaching Course 26: How to get published in international journals

**Chairpersons:** J.D. England, *USA*  
C. Kennard, *UK*

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<tr>
<th>Time</th>
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<tr>
<td>14:45</td>
<td>THE FIRST STEP IN PUBLISHING - WHAT CAN I DO?</td>
<td>C. Kennard</td>
<td><em>UK</em></td>
</tr>
<tr>
<td>15:30</td>
<td>THE ART AND SCIENCE OF WRITING ABOUT CLINICAL OUTCOMES IN NEUROLOGY</td>
<td>B. Ovbiagele</td>
<td><em>USA</em></td>
</tr>
</tbody>
</table>
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14:45-16:15  Hall M

Teaching Course 27: Neuropsychology

Chairpersons:  M. El Alaoui Faris, Morocco
               F. Manes, Argentina

14:45  EXECUTIVE & SOCIAL FUNCTIONS AND THE FRONTAL LOBES: NEW CONCEPTS AND IMPLICATIONS FOR NEUROLOGY
       F. Manes, Argentina

15:30  DISORDERS OF WRITING LANGUAGES
       M. El Alaoui Faris, Morocco

16:15  Coffee Break, Poster Viewing and Exhibition Visit

16:45-18:15  Hall A

Stroke recovery and rehabilitation

Joint World Federation of Neurology/World Stroke Organization Session

Chairpersons:  M. Brainin, Austria
               S. Cramer, USA

16:45  BRAIN RECOVERY STRATEGIES
       S. Cramer, USA

17:05  STEM CELL BASED THERAPIES FOR STROKE - HOW FAR FROM THE BENCH?
       Z. Kokaia, Sweden

17:25  CAN WE PREDICT RECOVERY POTENTIAL AFTER STROKE?
       C. Stinear, New Zealand

17:45  ORGANIZATION OF STROKE REHABILITATION SERVICES
       M. Brainin, Austria
Monday, September 23, 2013

16:45-18:15  
Hall B

Muscle Disorders

Chairpersons:  
Z. Argov, Israel  
S. Mishra, USA

16:45  
MODERN GENETIC TREATMENTS OF MUSCULAR DYSTROPHIES  
T. Voit, France

17:05  
CLINICAL, GENETIC AND POSSIBLE THERAPEUTIC APPROACHES  
M. Zatz, Brazil

17:25  
CLINICAL, GENETIC AND IMAGING CHARACTERISTICS OF DISTAL MYOPATHIES  
B. Udd, Finland

17:45  
IATROGENIC MYOPATHIES  
Z. Argov, Israel

16:45-18:15  
Hall C

Tropical Neurology

Chairpersons:  
A.G. Diop, Senegal  
P.-M. Preux, France

16:45  
DEMENTIA IN TROPICAL AREAS, A FUTURE PUBLIC HEALTH CHALLENGE?  
T. Kamadore, Senegal

17:05  
STROKE IN TROPICAL COUNTRIES: PREVENTION AND MANAGEMENT  
M.T. Medina, Honduras

17:25  
NEUROLOGICAL COMPLICATIONS OF DENGUE  
J. Murthy, India

17:45  
EPILEPSY IN AFRICA: CURRENT SITUATION AND NEXT STEPS IN THE SITUATION OF GLOBALIZATION  
A. Gallo Diop, Senegal
Monday, September 23, 2013

16:45-18:15  Hall D

Infantile epilepsies: where are we going from here?

Joint World Federation of Neurology / International League Against Epilepsy / International Child Neurology Association Session

Chairpersons:  S.I. Moshe, USA
               L. Lagae, Belgium

16:45  INFANTILE EPILEPSY GUIDELINES
       J. Wilmshurst, South Africa

17:15  INFANTILE SEIZURES AND THEIR COMORBIDITIES
       L. Lagae, Belgium

17:45  INFANTILE EPILEPSIES; FROM THE CLINIC TO THE BASICS AND BEYOND
       S.I. Moshe, USA

16:45-17:30  Hall E

Debate: Movement Disorders

Chairperson:  W. Poewe, Austria

16:45  DBS SHOULD BE CONSIDERED AS SOON AS FLUCTUATIONS OCCUR

       YES:
       G. Deuschl, Germany

       NO:
       O. Rascol, France
Teaching Course 21: Update on different types of dementia (cont.)

Chairpersons: M. Emre, Turkey
R.L. Arizaga, Argentina

16:45 UPDATE ON FRONTO-TEMPORAL LOBAR DEGENERATIONS
M. Rossor, UK

17:30 VASCULAR COGNITIVE IMPAIRMENT: FROM WML TO FULL-BLOWN DEMENTIA
G. Roman, USA

Teaching Course 22: Update on MS & Demyelinating Diseases: Heterogeneity of CNS inflammatory demyelinating disease: Moving toward individualized diagnosis and treatment (cont.)

Chairpersons: R. Gold, Germany
B. Weinshenker, USA

16:45 “OMIC” APPROACHES TO CNS DEMYELINATING DISEASES: WHAT HAS IT TOLD US AND WHAT IS THE POTENTIAL FOR THE FUTURE
L. Fugger, UK

17:30 MR IMAGING: HOW CAN IT HELP DIFFERENTIATE PROTOTYPIC MS FROM OTHER IIDD’S AND OTHER MIMICS OF MS
F. Fazekas, Austria
Teaching Course 23: Clinical Neuropathology for Neurologists (cont.)

Chairpersons:  
J. Hainfellner, Austria
M. de Visser, The Netherlands

16:45 INTRACTABLE EPILEPSY AND CLINICAL NEUROPATHOLOGY  
A. Mühlebner, Austria

17:05 CEREBRAL WHITE MATTER ABNORMALITY AND CLINICAL NEUROPATHOLOGY  
H. Lassmann, Austria

17:25 DEMENTIA AND CLINICAL NEUROPATHOLOGY  
G. Kovacs, Austria

17:45 PROGRESSIVE ABNORMALITY OF MOVEMENT / POSTURE AND CLINICAL NEUROPATHOLOGY  
G. Kovacs, Austria

18:05 DISCUSSION

Teaching Course 24: Neuro-ophthalmology (cont.)

Chairpersons:  
N.J. Newman, USA
D. Straumann, Switzerland

16:45 OCULAR MOTOR SIGNS IN ACUTE STROKE  
D. Straumann, Switzerland

17:10 DIAGNOSIS AND TREATMENT OF NYSTAGMUS  
M. Strupp, Germany

17:35 CASE PRESENTATIONS  
M. Strupp; D. Straumann, Germany, Switzerland

18:00 DISCUSSION
Monday, September 23, 2013

16:45-18:15  Hall K
Teaching Course 25: Channelopathies (cont.)

Chairpersons: A. Vincent, UK
               L. Ptacek, USA

16:45  CHANNELS IN EPILEPSY
       I. Scheffer, Australia

17:30  PAROXYSMAL DYSKINESIAS
       L. Ptacek, USA

16:45-18:15  Hall L
Teaching Course 26: How to get published in international journals (cont.)

Chairpersons: J.D. England, USA
               V. Hachinski, Canada

16:45  WRITING FOR THE WORLD: ISSUES IN GLOBAL NEUROLOGY
       D. Silberberg, USA

17:30  NEW EMPHASES FOR THE JOURNAL OF NEUROLOGICAL SCIENCES AND HOW YOU CAN CONTRIBUTE
       J.D. England, USA

16:45-18:15  Hall M
Teaching Course 27: Neuropsychology (cont.)

Chairpersons: M. El Alaoui Faris, Morocco
               F. Manes, Argentina

16:45  ASSESSMENT OF LANGUAGE FUNCTIONS IN A GLOBAL WORLD
       T. Bak, UK

17:30  PRIMARY PROGRESSIVE APHASIA: A DIAGNOSTIC GUIDE FOR NEUROLOGISTS
       T. Benke
Monday, September 23, 2013

17:30-18:15  Hall E

Debate: Multiple Sclerosis
Chairperson:  W. Carroll, Australia

17:30  CLINICIANS RATE RISK OF DISABLING MS LESS THAN RISK OF EFFECTIVE TREATMENT

YES:
C. Heesen, Germany

NO:
D. Ontaneda, USA

18:30-20:00  Hall B

Satellite Symposium Sponsored by EISAI:
Under the Spotlight: Epilepsy management – are we on the right track?
Chairperson:  S. Saville, UK

18:30  NEWLY DIAGNOSED PATIENTS: ARE WE MAKING THE CORRECT DIAGNOSIS AND SELECTING THE APPROPRIATE INITIAL TREATMENT?
M. Baulac, France

18:50  WHAT ARE THE KEY CHALLENGES IN SELECTING THE APPROPRIATE COMBINATION THERAPY?
E. Ben-Menachem, Sweden

19:10  ARE WE ADDRESSING THE NEEDS OF OUR PATIENTS?
M. Bagary, UK

19:30  WHAT IS THE DIRECTION OF EPILEPSY MANAGEMENT IN THE FUTURE?
E. Trinka, Austria
### Satellite Symposium Sponsored by EVER Neuro Pharma:

**Multimodal treatment approaches in Stroke and Dementia**

**Chairperson:** W.-D. Heiss, Germany

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<tr>
<td>18:30</td>
<td>ALZHEIMER’S DISEASE - DIAGNOSIS AND TREATMENT OPTIONS</td>
<td>S. Gauthier</td>
<td>Canada</td>
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<tr>
<td>18:50</td>
<td>VASCULAR DEMENTIA - DIAGNOSIS AND TREATMENT OPTIONS</td>
<td>R. Schmidt</td>
<td>Austria</td>
</tr>
<tr>
<td>19:10</td>
<td>EARLY MOBILIZATION AFTER STROKE</td>
<td>B. Norrving</td>
<td>Sweden</td>
</tr>
<tr>
<td>19:30</td>
<td>TREATMENT OPPORTUNITIES WITHIN ORGANIZED STROKE CARE - THE IMPORTANCE OF EARLY RECOVERY</td>
<td>M. Brainin</td>
<td>Austria</td>
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</tbody>
</table>
Tuesday, September 24, 2013

07:00-08:00  Hall D
Free Teaching Course 28: How to examine a patient with vertigo (cont.)
Speaker: M. Strupp, Germany

08:00-09:00  Hall A
Plenary Lectures 5 & 6
Chairpersons: F. Fazekas, Austria
               W. Hacke, Germany

  08:00  AUTOANTIBODIES AND CNS DISEASE
         A. Vincent, UK
  08:30  VASCULAR COGNITIVE IMPAIRMENT
         C. Chen, Singapore

09:00-10:30  Hall A
Biomarkers: Rethinking Alzheimer's Disease
             Presented by the World Federation of Neurology's Applied Research Group on Dementia
Chairpersons: M. Emre, Turkey
              K. Blennow, Sweden

  09:00  PET AND AMYLOID MARKERS
         K. Kantarci, USA
  09:30  CSF AND BLOOD BIOMARKERS
         K. Blennow, Sweden
10:00  STRUCTURAL AND FUNCTIONAL MRI IN EARLY COGNITIVE IMPAIRMENT
       G. Frisoni, Italy
10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-10:30 Hall B

Update on Clinical Subtypes and Diagnosis of Multiple Sclerosis

Chairpersons: W. Carroll, Australia  
K. Fujihara, Japan

09:00 DIAGNOSTIC CRITERIA OF MULTIPLE SCLEROSIS  
L. Kappos, Switzerland

09:20 PROGRESSIVE MULTIPLE SCLEROSIS  
A. Thompson, UK

09:40 PAEDIATRIC MULTIPLE SCLEROSIS: ITS UNIQUENESS AND IMPLICATIONS FOR ADULT MULTIPLE SCLEROSIS  
B. Banwell, Canada

10:00 DIFFERENTIAL DIAGNOSIS OF MULTIPLE SCLEROSIS  
K. Fujihara, Japan

10:30 Coffee Break, Poster and Exhibition Visit

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09:00-10:30 Hall C

Mitochondrial diseases

Chairpersons: L. Bindoff, Norway  
H. Mizusawa, Japan

09:00 NEW DIRECTIONS IN UNDERSTANDING MITOCHONDRIAL DISEASES IN CHILDREN  
A. Wartiovaara, Finland

09:30 TREATABLE MITOCHONDRIAL DISEASES AFFECTING THE NERVOUS SYSTEM  
M. Hirano, USA

10:00 MITOCHONDRIA AND NEURODEGENERATION  
L. Bindoff, Norway

10:30 Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-10:30  Hall D

Global burden of stroke

Joint World Federation of Neurology/World Stroke Organization Session

Chairpersons:  J. Pandian, India
               L. Wong, Hong Kong S.A.R.

09:00  TRENDS IN STROKE INCIDENCE, PREVALENCE, MORTALITY AND DALYS
       V. Feigin, New Zealand

09:20  REGIONAL DIFFERENCES IN STROKE SUBTYPES AND AETIOLOGIES: WHY DO THEY EXIST? HOW DO THEY AFFECT THERAPY?
       L. Wong, Hong Kong S.A.R.

09:40  SOCIOECONOMICAL FACTORS AND STROKE
       G. Saposnik, Canada

10:00  STROKE SERVICES IN LOW RESOURCE SETTINGS
       J. Pandian, India

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30  Hall E

Environmental Neurology

A presentation of the World Federation of Neurology’s Applied Research Group on Environmental Neurology

Chairpersons:  G. Roman, USA
               R. Lucchini, Italy

09:00  MCS - “MULTIPLE CHEMICAL SENSITIVITY”
       J. Reis, France

09:30  FROM NOSE TO BRAIN, HISTORICAL APPROACH AND RECENT DEVELOPMENTS IN PARKINSONISM
       R. Lucchini, Italy

10:00  STROKE AND WEATHER
       V. Feigin, New Zealand

10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

Free Papers Session 17: MS & Demyelinating Diseases

Chairpersons: B. Sigsbee, USA
G. Comi, Italy

09:00  EFFECT OF TERIFLUNOMIDE ON LYMPHOCYTE AND NEUTROPHIL COUNTS IN PATIENTS WITH RELAPSING MULTIPLE SCLEROSIS: RESULTS FROM THE TOWER STUDY
G. Comi, M.S. Freedman, L. Kappos, A. Miller, T.P. Olsson, J.S. Wolinsky, J.-L. Delhay, J. Li, P. Truffinet, P.W. O’Connor, Italy, Canada, Switzerland, USA, Sweden, France

09:10  CLINICAL INFLAMMATORY ACTIVITY ASSOCIATED WITH RESPONSE TO SECOND-LINE TREATMENTS IN MULTIPLE SCLEROSIS
T. Gholipour, B.C. Healy, E.C. Dimakopolous, G. Buckle, H.L. Weiner, T. Chitnis, USA

09:20  OPTICAL COHERENCE TOMOGRAPHY IN DIFFERENTIAL DIAGNOSIS OF NEUROMYELITIS OPTICA AND MULTIPLE SCLEROSIS
Y. Beckmann, A. Ozdemir, Turkey

09:30  SPECTRUM OF IDIOPATHIC INFLAMMATROY DEMYELINATING DISEASES OF THE CNS IN A TERTIARY CARE HOSPITAL IN INDIA
G. Butchi Raju, S. Deshmukh, S. Gopi, T. Sateesh Kumar, India

09:40  CEREBROSPINAL FLUID OLIGOCLONAL IGG BANDS IN JAPANESE PATIENTS WITH CLINICALLY ISOLATED SYNDROME
M. Daifu, K. Tanaka, M. Tanaka, Japan

09:50  ALEMTUZUMAB IMPROVES VISUAL OUTCOMES IN TREATMENT-NAÏVE PATIENTS WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS (RRMS): ANALYSIS FROM THE PHASE 3 CARE-MS I STUDY
Tuesday, September 24, 2013

09:00-10:30  Hall F

Free Papers Session 17: MS & Demyelinating Diseases (cont.)

10:00  EDUCATIONAL ATTAINMENT MODERATES THE EFFECT OF T2 LESION LOAD AND ATROPHY ON COGNITION IN MULTIPLE SCLEROSIS
D. Pinter, J. Sumowski, A. Pichler, M. Khalil, C. Langkammer, S. Fuchs, J. Deluca, F. Fazekas, C. Enzinger, Austria, USA

10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-10:30  Hall G

Free Papers Session 18: MS & Demyelinating Diseases

Chairpersons: G. Ebers, UK
               D.A.S. Compston, UK

09:00  NEUROLOGICAL MANIFESTATIONS REVEALING GOUGEROT SJOGREN SYNDROME: 18 CASES
       I. Bedoui, M. Malek, A. Riahi, O. Ben Waddy, J. Zaouali, R. Mrissa, Tunisia

09:10  INCIDENCE AND PREVALENCE OF MULTIPLE SCLEROSIS IN NORDLAND COUNTY, NORWAY, 1970 - 2010
       E. Benjaminsen, J. Olavsen, M. Karlberg, K. Alstadhaug, Norway

09:20  IRON AND OXIDATIVE DAMAGE IN THE MULTIPLE SCLEROSIS BRAIN
       S. Hametner, I. Wimmer, L. Haider, W. Brück, H. Lassmann, Austria, Germany

09:30  MONITORING AND MANAGEMENT OF MS PATIENTS STARTING NATALIZUMAB THERAPY IN GERMANY - FINAL RESULTS OF THE PROSPECTIVE TYSTART STUDY
       A. Chan, U. Walter, B. Kallmann, C. Wernsdoerfer, V.C. Zingler, Germany

09:40  FUNCTIONAL AND STRUCTURAL DISRUPTION OF THE PRECUNEUS CONTRIBUTES TO COGNITIVE IMPAIRMENT IN PEDIATRIC MULTIPLE SCLEROSIS
       P. Preziosa, M.A. Rocca, M. Absinta, M.P. Amato, A. Ghezzi, L. Moiola, A. Fiorino, P. Veggiotti, G. Comi, M. Filippi, and the MS and Neuroimaging Study Groups of the Italian Neurological Society, Italy

09:50  PROGNOSTIC VALUE OF MAGNETIZATION TRANSFER PARAMETERS IN CLINICALLY ISOLATED SYNDROMES (CIS)

10:00  BG-12 EFFECTS ON QUALITY OF LIFE IN RELAPSING-REMITTING MS PATIENTS: INTEGRATED ANALYSIS OF THE PHASE 3 DEFINE AND CONFIRM STUDIES

10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-10:30  Hall H

Free Papers Session 20: Dementia

Chairpersons: M. El Alaoui Faris, Morocco  
M. Emre, Turkey

09:00  COMPLEMENTARY AND ALTERNATIVE MEDICINE USE AMONG PATIENTS WITH COGNITIVE IMPAIRMENT IN SINGAPORE  
S. Hameed, S. Ting, F. Yan, H. Ng, D. Yeo, Singapore

09:10  DIETARY PATTERNS AND RISK OF DEMENTIA IN AN ELDERLY JAPANESE POPULATION: THE HISAYAMA STUDY  
M. Ozawa, T. Ninomiya, T. Ohara, Y. Doi, K. Uchida, T. Shirotta, K. Yonemoto, T. Kitazono, Y. Kiyohara, The Hisayama Study Group, Japan

09:20  SAFETY AND EFFICACY OF ORM-12741 ON COGNITIVE AND BEHAVIORAL SYMPTOMS IN PATIENTS WITH ALZHEIMER'S DISEASE: A RANDOMIZED, DOUBLE-BLIND, PROOF-OF-CONCEPT STUDY  
J.O. Rinne, K. Wesnes, J. Hänninen, M. Murphy, H. Riordan, J. Rouru, ALPO Study Group, Finland, UK, USA

09:30  ALZHEIMER’S DISEASE CSF BIOMARKERS PREDICT COGNITIVE DECLINE IN HEALTHY ELDERLY OVER TWO YEARS  

09:40  NEUROPATHOLOGICAL STUDY IN DEMANTIA-FREE CENTENARIANS  
T. Iwase, M. Yoshida, Y. Hashizume, Japan

09:50  COGNITIVE IMPAIRMENT - CAUSE OR CONSEQUENCE OF ANTICOAGULATION UNDERUSE?  
N. Diaconu, C. Gratii, A. Grosu, M. Lazu, G. Pavlic, Moldova

10:00  ANTI-NMDAR ENCEPHALITIS: CLINICAL AND IMMUNOLOGICAL CHARACTERIZATION OF A CASE SERIES  
L. Zuliani, M. Zoccarato, S. Sartori, M.F. Pelizza, I. Rosellini, V. Argentiero, P. Marson, A. Suppiej, B. Giometto, Italy

10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-18:00  Hall I

Teaching Course /W33: EMG (analysis and hands-on)
Chairpersons: J. Kimura  J. Valls-Sole

09:00  NERVE CONDUCTION STUDIES AND F WAVE  J. Kimura
09:45  SENSORY NERVE CONDUCTION STUDIES  N. Birouk, Morocco
10:30  Coffee Break, Poster and Exhibition Visit
11:00  EMG (CONVENTIONAL AND SINGLE FIBER)  W. Grisold, Austria
12:30  Lunch Break, Poster and Exhibition Visit
14:30  H REFLEX AND BLINK REFLEX  J. Valls-Sole
16:00  Coffee Break, Poster and Exhibition Visit
16:30  TRANSCRANIAL MAGNETIC STIMULATION  P.M. Rossini, Italy

09:00-10:30  Hall J

Teaching Course 29: Movement Disorders (CL)
Chairpersons: E. Tolosa, Spain  K. Sethi, USA

09:00  DIAGNOSIS AND TREATMENT OF TREMORS  E. Tolosa, Spain
09:45  AN UPDATE ON PAROXYSMAL DYSKINESIAS  K. Sethi, USA
10:30  Coffee Break, Poster and Exhibition Visit
<table>
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<th>Time</th>
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<tr>
<td>09:00</td>
<td>DIFFICULT DECISIONS IN CEREBRAL HEMORRHAGE</td>
<td>Hall K</td>
<td>S. Schwab, Germany</td>
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<td>E. Wijdicks, USA</td>
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<td>09:45</td>
<td>POSTRESUSCATION COMA AND THERAPEUTIC HYPOTHERMIA: CHALLENGES FOR THE NEUROLOGIST</td>
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<td>E. Wijdicks, USA</td>
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<td>Coffee Break, Poster and Exhibition Visit</td>
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<td>09:00</td>
<td>LATE ONSET NEUROMETABOLIC DISEASE: PHENOTYPIC PRESENTATIONS AND GUIDELINES FOR DIAGNOSIS</td>
<td>Hall L</td>
<td>A. Federico, Italy</td>
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<td>J.-M. Burgunder, Switzerland</td>
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<td>09:45</td>
<td>UPDATE ON NEUROMETABOLIC DISORDERS INVOLVING EXTRAPYRAMIDAL SYSTEM</td>
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<td>V. Bonifati, The Netherlands</td>
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<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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Tuesday, September 24, 2013

Teaching Course 30: The spectrum of neurooncology

Chairpersons:  
R. Soffietti, Italy  
W. Wick, Germany

09:00  GLIOBLASTOMAS: FROM MOLECULAR MARKERS TO TREATMENT DECISIONS  
M. Weller, Switzerland

09:45  ANAPLASTIC GLIOMAS: WHAT HAVE WE LEARNT FROM RECENT CLINICAL TRIALS  
W. Wick, Germany

10:30  Coffee Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

09:00-18:00 Hall N

Teaching Course /W34: Ultrasound of extra- and intracranial vessels

Chairpersons:  M. Kaps, Germany  
                L. Wong, Hong Kong S.A.R.

09:00  THE DOPPLER FREQUENCY SPECTRUM  
       (PHYSICAL BACKGROUND, CLINICAL EXAMPLES OF DISTURBED FLOW, PROPER TERMINOLOGY)  
       L. Wong, Hong Kong S.A.R.

09:45  CLASSIFICATION OF EXTRACRANIAL STENOSIS  
       (GUIDELINES, PITFALLS, CLINICAL EXAMPLES)  
       G. Von Reutern, Germany

10:30  Coffee Break, Poster and Exhibition Visit

11:00  DEMO: INVESTIGATION OF THE EXTRA/INTRACRANIAL ARTERIES

11:45  CLASSIFICATION OF INTRACRANIAL STENOSIS  
       (ACTUALLY ACCEPTED CRITERIA, VASOSPASM AFTER SAH, PITFALLS)  
       L. Wong, Hong Kong S.A.R.

12:30  Lunch Break, Poster and Exhibition Visit

14:30  HOW CAN SONOGRAPHY CONTRIBUTE TO BETTER UNDERSTANDING OF DEMENTIA? (NEW CONCEPTS LINKING VASCULAR AND ALZHEIMER DEMENTIA, THE NEUROVASCULAR UNIT, FUNCTIONAL TESTING)  
       N. Bornstein, Israel

15:15  NON-ATHEROSCLEROTIC DISEASE OF CRANIAL ARTERIES (DISSECTION, CRANIAL (-TEMPORAL) ARTERITIS, FOLLOW UP AFTER STENTING)  
       K. Niederkorn, Austria

16:00  Coffee Break, Poster and Exhibition Visit

16:30  4 GROUPS HANDS ON (2XTCD, 2XDUPLEX)

17:30  INTERACTIVE CLINICAL CASES (CASES THAT DEMONSTRATE HOW SONOLOGY CAN SUPPORT CLINICAL DECISIONS)  
       M. Kaps, Germany
Tuesday, September 24, 2013

11:00-12:30 Hall A

Alzheimer’s Disease: Diagnostic Update

Chairpersons: R.L. Arizaga, Argentina
               G. Waldemar, Denmark

11:00  WHY NEW CRITERIA IN ALZHEIMER’S DISEASE?
       R.L. Arizaga, Argentina

11:30  NEW CRITERIA IN ALZHEIMER’S DISEASE
       B. Dubois, France

12:00 ALZHEIMER’S DISEASE DIAGNOSIS IN THE
       DEVELOPING WORLD
       A. Ogunniyi, Nigeria

12:30  Lunch Break, Poster and Exhibition Visit


11:00-12:30 Hall B

Frontiers in Pathogenesis of Multiple Sclerosis

Chairpersons: R. Hohlfeld, Germany
               C. Giancarlo, Italy

11:00  NEUROPATHOLOGY OF MULTIPLE SCLEROSIS
       H. Lassmann, Austria

11:20  IMMUNOLOGICAL ABNORMALITIES IN MULTIPLE
       SCLEROSIS
       R. Hohlfeld, Germany

11:40  THE EFFECT OF INTERACTION OF
       ENVIRONMENT AND GENES ON EPIDEMIOLOGY
       OF MULTIPLE SCLEROSIS
       G. Ebers, UK

12:00 ROLE OF INFECTIONS IN THE PATHOGENESIS OF
       MULTIPLE SCLEROSIS
       J. Correale, Argentina

12:30  Lunch Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

11:00-12:30 Hall C

Muscle Disorders

Chairpersons: I. Nishino, Japan
               J. Walton, UK

11:00 RECENT ADVANCES IN METABOLIC MYOPATHY
       I. Nishino, Japan
11:20 RECENT ADVANCES IN MYOTONIC DISORDERS
       C. Thornton, USA
11:40 RECENT ADVANCES IN CONGENITAL MYASTHENIC SYNDROME
       H. Lochmuller, UK
12:00 RECENT ADVANCES IN INFLAMMATORY MYOPATHY
       F. Mastaglia, Australia
12:30 Lunch Break, Poster and Exhibition Visit

11:00-12:30 Hall D

Neuroophthalmology

Chairpersons: N.J. Newman, USA
              C. Kennard, UK

11:00 HOW CAN THE CLINICAL BEDSIDE EXAMINATION
       OF EYE MOVEMENTS INFORM THE NEUROLOGIST?
       G.M. Halmagyi, Australia
11:20 HOW CAN OCULAR FUNDUS PHOTOGRAPHY
       INFORM THE NEUROLOGIST?
       N.J. Newman, USA
11:40 HOW CAN OPTICAL COHERENCE TOMOGRAPHY
       (OCT) INFORM THE NEUROLOGIST?
       S.L. Galetta
12:00 HOW CAN VENOUS IMAGING INFORM THE
       NEUROLOGIST?
       V. Biousse, USA
12:30 Lunch Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

11:00-12:30 Hall E

Climate and the Global Change

A presentation of the World Federation of Neurology’s Applied Research Group on Environmental Neurology

Chairpersons: J. Reis, France
F. Gerstenbrand, Austria

11:00 THE WEST NILE VIRUS STORY
G. Roman, USA

11:30 THE NO INPUT SYNDROME: FROM SPACE TO PATIENT
F. Gerstenbrand, Austria

12:00 NEUROLOGICAL CONSEQUENCES OF RADIATION: THE JAPANESE EXAMPLE
Y. Ogawa, Japan

12:30 Lunch Break, Poster and Exhibition Visit

11:00-12:30 Hall F

Interventional Neuroradiology

Chairpersons: W. Hacke, Germany
L. Csiba, Hungary

11:00 NEW TECHNIQUES AND DATA IN THE INTERVENTIONAL THERAPY OF RUPTURED ANEURYSM
P. Lylyk, Argentina

11:20 THE NEED OF RANDOMIZED EVIDENCE FOR RECANALIZATION DEVICES - A GENERAL STATEMENT
W. Hacke, Germany

11:40 STATUS AND PRELIMINARY RESULTS OF IMS III
J. Broderick, USA

12:00 SWIFT, A RANDOMIZED COMPARISON BETWEEN MERCI AND SOLITAIRE
O. Zaidat, USA

12:30 Lunch Break, Poster and Exhibition Visit
Free Papers Session 19: MS & Demyelinating Diseases

Chairpersons: B. Yamout, Lebanon
E. Hynčicová, Czech Republic

11:00 MEMORY IMPAIRMENT IN PATIENTS WITH CLINICALLY ISOLATED SYNDROME
E. Hynčicová, E. Meluzínová, M. Vyhnanek, J. Vecanová, J. Libertinová, I. Kovářová, T. Nikolai, J. Hort, J. Laczó, Czech Republic

11:10 CLINICAL AND EPIDEMIOLOGICAL PROFILE OF GUILLAIN-BARRE SYNDROME IN TUNISIA
M. Gargouri, F. Nabli, S. Ben Sassi, F. Hentati, Tunisia

11:20 NK CELL EXPANSION PREDICTS TREATMENT RESPONSE TO RITUXIMAB
P.S. Rommer, E. Auff, F. Leutmezer, Austria

11:30 MICRONORNA REGULATION OF B CELLS IN MULTIPLE SCLEROSIS: MIR-320 AND ITS SPECIFIC TARGETS
L.L. Aung, S. Dhib-Jalbout, K.E. Balashov, USA

11:40 INTERFERON-BETA UP-REGULATES SUPPRESSOR OF CYTOKINE SIGNALING 1 IN T CELLS OF MULTIPLE SCLEROSIS PATIENTS
R. Schneider, D. Beauseigle, P. Duquette, A. Prat, H.M. Johnson, N. Arbour, Canada, USA

11:50 INTRINSIC DAMAGE TO THE CEREBELLAR PEDUNCLES IS ASSOCIATED TO MULTIPLE SCLEROSIS CLINICAL DISABILITY

12:00 NEUROMYELITIS OPTICA AND OPTIC SPINAL MULTIPLE SCLEROSIS ARE DIFFERENT DISEASES?
M.P. Alvarenga, M.P. Alvarenga, C.C. Ferreira Vasconcelos, U.C. Linhares, C. Bento, G. Santos, R.M. Papais-Alvarenga, Brazil

12:30 Lunch Break, Poster and Exhibition Visit
Tuesday, September 24, 2013

Free Papers Session 21: Dementia

Chairpersons: J. Chopra, India
R. Nitrini, Argentina

11:00 APOLIPOPROTEIN E PLASMA LEVEL AND GENOTYPE - RISK OF DEMENTIA IN 76,000 INDIVIDUALS FROM THE GENERAL POPULATION
K.L. Rasmussen, A. Tybjærg-Hansen, B.G. Nordestgaard, R. Frikke-Schmidt, Denmark

11:10 CSF ALZHEIMER’S DISEASE BIOMARKERS VALIDITY FOR EARLY DIFFERENTIAL DIAGNOSIS OF MILD COGNITIVE IMPAIRMENT PATIENTS

11:20 CLINICAL IMPLICATIONS OF HIPPOCAMPAL VULNERABILITY PATTERNS IN TAUOPATHIES
I. Milenkovic, T. Petrov, G.G. Kovacs, Austria, Switzerland

11:30 INTRANASAL DELIVERY OF CURCUMIN-DONEPEZIL NANOEMULSION FOR BRAIN TARGETING IN ALZHEIMER’S DISEASE
S. Sood, K. Jain, K. Gowthamarajan, India

11:40 AUTOLOGOUS ANTI-Aß ANTIBodies IN CAA-RI: NEW BIOMARKER FOR DETECTION OF AMYLOID-RELATED IMAGING ABNORMALITIES (ARIA) DURING Aß-DISEASE MODIFYING THERAPIES FOR AD

11:50 HIGHER PLASMA CONCENTRATIONS OF TOTAL CAROTENOIDS ARE ASSOCIATED WITH SLOWER COGNITIVE DECLINE: RESULTS FROM THE AUSTRIAN STROKE PREVENTION STUDY

12:30 Lunch Break, Poster and Exhibition Visit
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<td>11:00-12:30</td>
<td>Hall J</td>
<td><strong>Teaching Course 29: Movement Disorders (CL) (cont.)</strong></td>
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<td><strong>Chairpersons:</strong> E. Tolosa, <em>Spain</em></td>
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<td>K. Sethi, <em>USA</em></td>
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<td>11:00</td>
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<td><strong>THE MANY CAUSES OF PARKINSON DISEASE</strong></td>
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<td>C.M. Tanner, <em>USA</em></td>
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<td><strong>ADDRESSING THE NON-MOTOR SYMPTOMS IN PARKINSON DISEASE</strong></td>
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<td>G. Ransmayr, <em>Austria</em></td>
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<td>Lunch Break, Poster and Exhibition Visit</td>
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<td>11:00-12:30</td>
<td>Hall K</td>
<td><strong>Teaching Course 31 Neuro-critical care (cont.)</strong></td>
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<td><strong>Chairpersons:</strong> S. Schwab, <em>Germany</em></td>
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<td>E. Wijdicks, <em>USA</em></td>
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<td><strong>INTENSIVE CARE ACQUIRED WEAKNESS (ICUAW)- A CLINICAL APPROACH</strong></td>
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<td>Z. Argov, <em>Israel</em></td>
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<td><strong>REFRACTORY STATUS EPILEPTICUS AND LAST RESORT OPTIONS</strong></td>
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<td>T.P. Bleck, <em>USA</em></td>
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<td>Lunch Break, Poster and Exhibition Visit</td>
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<td>11:00-12:30</td>
<td>Hall L</td>
<td><strong>Teaching Course 32: Neuro metabolic disorders (cont.)</strong></td>
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<td><strong>Chairpersons:</strong> A. Federico, <em>Italy</em></td>
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<td>J.-M. Burgunder, <em>Switzerland</em></td>
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<td><strong>LATE ONSET MITOCHONDRIAL ENCEPHALONEUROMYOPATHIES</strong></td>
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<td>J.-M. Burgunder, <em>Switzerland</em></td>
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<td><strong>LATE ONSET LYSOSOMAL MYOPATHIES: MANAGEMENT AND THERAPY</strong></td>
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<td>A. Toscano, <em>Italy</em></td>
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Teaching Course 30: The spectrum of neuro-oncology (cont.)

Chairpersons:  W. Wick, Germany  
                R. Soffietti, Italy

11:00  LOW GRADE GLIOMAS : STATE OF ART AND FUTURE DIRECTIONS
       R. Soffietti, Italy

11:45  NEOPLASTIC MENINGITIS: UPDATE ON DIAGNOSIS AND TREATMENT
       L.M. DeAngelis, USA

12:30  Lunch Break, Poster and Exhibition Visit

12:45-14:15  Hall C

Sponsored Symposium Sponsored by GE:

Satellite Symposium: Early and Accurate Diagnosis of Dementia: Clinical and Imaging Perspectives

Chairperson:  J. O'Brien, UK

12:45  INTRODUCTION AND WELCOME
       J. O'Brien, UK

12:50  VISUALIZING THE SPECTRUM OF DEMENTIA - CORRELATES OF SCANNING AND NEUROPATHOLOGY
       J. O'Brien, UK

13:10  DEVELOPMENTS IN THE EARLY DETECTION AND DIAGNOSIS OF PARKINSON'S DISEASE
       D. Grosset, UK

13:30  THE ROLE OF SPECT IMAGING IN DIFFERENTIAL DIAGNOSIS OF DEMENTIA
       A. Padovani, Italy

13:50  AMYLOID IMAGING IN ALZHEIMER'S - A NEW GENERATION OF DIAGNOSTIC TOOLS
       K. Van Laere, Belgium

14:10  Q&A
       J. O'Brien, UK
### Tournament of the Minds – Qualifying Round

**Chairpersons:**
- R. Shakir, *UK*
- A. Vass, *Austria*
- E. Stoegmann, *Austria*
- C. Enzinger, *Austria*
- G.D. Perkin, *UK*
- R. Stark, *Australia*

### Update in non AD dementias

**Chairpersons:**
- V. Hachinski, *Canada*
  
- B.S. Jeon, *Republic of Korea*

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<tr>
<td>14:30</td>
<td><strong>FRONTOTEMPORAL DEMENTIA</strong>&lt;br&gt;M. Rossor, <em>UK</em></td>
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<tr>
<td>15:00</td>
<td><strong>LEWY BODY DEMENTIA AND PARKINSON DISEASE DEMENTIA</strong>&lt;br&gt;M. Emre, <em>Turkey</em></td>
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<td>15:30</td>
<td><strong>VASCULAR DEMENTIA - NEW CONCEPTS</strong>&lt;br&gt;V. Hachinski, <em>Canada</em></td>
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<td>16:00</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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Emerging Multiple Sclerosis Treatment Strategies

Chairpersons: W. Carroll, Australia
              A. Thompson, UK

14:30 OVERVIEW
       W. Carroll, Australia

14:45 PATHOPHYSIOLOGICAL INSIGHTS WITH ADVANCED IMAGING OF MULTIPLE SCLEROSIS
       J. Geurts, The Netherlands

15:10 OVER THE HORIZON THERAPIES
       R. Ransohoff, USA

15:35 DIFFICULT TO TREAT MS - AGGRESSIVE, PROGRESSIVE, PAEDIATRIC AND LATE ONSET FORMS
       B. Kieseier, Germany

16:00 Coffee Break, Poster and Exhibition Visit

Stem cells in neurology: hopes, uses and abuses

Chairpersons: G. Martino, Italy
              O. Lindvall, Sweden

14:30 STEM CELL TRANSPLANTATION IN PARKINSON'S DISEASE 30 YEARS LATER
       O. Lindvall, Sweden

15:00 STEM CELL THERAPY IN INFLAMMATORY NEUROLOGICAL DISORDERS
       G. Martino, Italy

15:30 STEM CELL THERAPY IN CHILD NEUROLOGY
       A. Curt, Switzerland

16:00 Coffee Break, Poster and Exhibition Visit
### Tuesday, September 24, 2013

#### 14:30-16:00  
**Hall D**

**Sports Neurology**

**Chairpersons:**  
- M. Hallett, *USA*  
- V. Dietz, *Switzerland*

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<tr>
<td>14:30</td>
<td>CONCUSSION: MECHANISM AND ACUTE MANAGEMENT</td>
<td>J. Kutcher, <em>USA</em></td>
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<td>14:50</td>
<td>CONCUSSION: CHRONIC MANAGEMENT AND SECOND IMPACT SYNDROME</td>
<td>B. Jordan, <em>USA</em></td>
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<td>15:10</td>
<td>PERIPHERAL NERVE INJURIES</td>
<td>M. Hallett, <em>USA</em></td>
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<td>15:30</td>
<td>CERVICAL SPINE INJURY</td>
<td>V. Dietz, <em>Switzerland</em></td>
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#### 14:30-16:00  
**Hall E**

**Nutritional Disorders & Neurotoxins**

**Chairpersons:**  
- M.T. Medina, *Honduras*  
- N. Senanayake, *Sri Lanka*

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<tr>
<td>14:30</td>
<td>TOXIC DISORDERS OF THE NERVOUS SYSTEM</td>
<td>D. Tshala-Katumbay, <em>USA</em></td>
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<td>14:50</td>
<td>MALNUTRITION AND BRAIN DEVELOPMENT</td>
<td>K. Holden, <em>USA</em></td>
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<td>15:10</td>
<td>NEUROLOGIC CONSEQUENCES OF MALNUTRITION</td>
<td>M.T. Medina, <em>Honduras</em></td>
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<td>15:30</td>
<td>DISORDERS OF THE NEUROMUSCULAR JUNCTION CAUSED BY NATURALLY OCCURRING NEUROTOXINS</td>
<td>N. Senanayake, <em>Sri Lanka</em></td>
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14:30-16:00  Hall F

Free Papers Session 22: Dementia

Chairpersons:  U. Meyding-Lamadé, *Germany*
                M. Filippi, *Italy*

14:30  THE OUTCOME OF VENTRICULO-ATRIAL SHUNT FOR IDIOPATHIC NORMAL PRESSURE HYDROCEPHALUS: ANALYSIS OF 393 CASES
       K. Takagi, D. Oguri, Y. Kato, *Japan*

14:40  NETWORK ANALYSIS OF INTRINSIC FUNCTIONAL CONNECTIVITY IN THE SEMANTIC VARIANT OF PRIMARY PROGRESSIVE APHASIA
       M. Filippi, F. Agosta, S. Galantucci, S. Sala, P. Valsasina, A. Meani, E. Canu, F. Caso, S.F. Cappa, G. Magnani, M. Franceschi, A. Falini, G. Comi, *Italy*

14:50  POTENTIAL EFFECT OF AMYLOID IMAGING ON DIAGNOSIS AND INTENDED MANAGEMENT OF PATIENTS WITH COGNITIVE DECLINE: IMPACT OF APPROPRIATE USE CRITERION
       M.J. Pontecorvo, A. Siderowf, G. Dell'Agnello, M. Lu, C. Hunter, A.K. Arora, M.A. Mintun, *USA, Italy*

15:00  BEING PHYSICALLY ACTIVE IS ASSOCIATED WITH IMPROVED EXECUTIVE FUNCTION AND PROCESSING SPEED BUT NOT MEMORY: THE LADIS STUDY

15:10  MORPHOLOGICAL ALTERATIONS OF PURKINJE CELLS OF THE FLOCCULUS OF THE CEREBELLUM IN EARLY CASES OF ALZHEIMER'S DISEASE
       S.J. Baloyannis, I. Mavroudis, I.S. Baloyannis, V.G. Costa, *Greece*

15:20  TELEMEDICINE - IS TELE-EEG, TELE-ELECTROPHYSIOLOGY AND TELECYTOLOGY POSSIBLE - A FEASIBILITY STUDY
       E. Craemer, F. Idris, N. Ahmad, D. Durani, B. Bassa, C. Jacobi, I. Jafaar, B. Kress, U. Meyding-Lamadé, *Germany, Brunei*

15:30  ACUTE MYELOPATHIES FOLLOWING EPIDURAL AND SPINAL ANESTHESIA
       A. Honig, A. Lossos, M. Gumori, Z. Meiner, *Israel*
Free Papers Session 23: Stroke

Chairpersons:  S.M. Kim, Republic of Korea  
                M. Arezki, Algeria

14:30  OPTIMIZED AMIDE PROTON TRANSFER IMAGING OF ISCHEMIC STROKE
       Z. Dai, G. Yan, S. Li, G. Xiao, Z. Shen, G. Zhang, R. Wu, China

14:40  SEASONAL VARIATION IN STROKE OCCURRENCES IN JAPAN
       K. Shigematsu, T. Ito, N. Oka, H. Nakano, Y. Watanabe, The Kyoto Stroke Registry Committee, Japan

14:50  INFLUENCE OF SERUM GLUCOSE ON THE RISK OF SYMPTOMATIC HAEMORRHAGIC TRANSFORMATION IN NON-DIABETIC PATIENTS TREATED BY THROMBOLYSIS FOR SUPRATENTORIAL STROKE
       M. Gnofam, D. Leys, N. Ponchelle de Quatre, M. Bodenant, H.C. Henon, R. Bordet, C. Cordonnier, France

15:00  PATENT FORAMEN OVALE PREVALENCE IN PATIENTS WITH ACUTE ISCHEMIC STROKE AND THE RISK OF SUBSEQUENT EVENTS
       C. Fernandes, L. Pereira, M. Rodrigues, Portugal

15:10  ISOLATED INFARCTION OF MEDULLARY PYRAMID: ITS CLINICAL FEATURES AND PATHOLOGY
       S. Kaji, H. Katada, S. Sato, H. Shibayama, T. Fukutake, Y. Kikuchi, S. Murayama, Japan

15:20  SURGICAL THERAPY OF INTERNAL CAROTID ARTERY OCCLUSION (ICAO) IN NINE PATIENTS
       J.-J. Huang, Y.-W. Bai, S.-Q. Zhang, X. Ma, J.-P. Wang, C.-G. Ma³, China

15:30  LONG-TERM RISK OF STROKE AND MYOCARDIAL INFARCTION IN WOMEN WITH LOW SOCIAL SUPPORT IN RUSSIA: MONICA-PSYCHOSOCIAL EPIDEMIOLOGICAL STUDY
       V. Gafarov, D. Panov, E. Gromova, I. Gagulin, A. Gafarova, Russia

16:00  Coffee Break, Poster and Exhibition Visit
Free Papers Session 24: Stroke

Chairpersons: J. Jiaping, China
L. Vecsei, Hungary

14:30 IMPACT OF PRIOR IV THROMBOLYSIS ON EARLY RECANALIZATION AND CLINICAL OUTCOME AFTER ENDOVASCULAR TREATMENT IN ACUTE ISCHEMIC STROKE

14:40 PREDICTORS OF SHORT-TERM OUTCOME IN POSTERIOR CIRCULATION STROKES
K. Antonenko, L. Sokolova, Ukraine

14:50 THE VOLUME DWI METHOD INCREASES DETECTABILITY OF SMALL ISCHEMIC LESIONS IN PATIENTS WITH TRANSIENT GLOBAL AMNESIA

15:00 CEREBROVASCULAR REACTIVITY AND SYSTEMIC HAEMODYNAMICS PARAMETERS IN RESPONSE TO ACUTE HYPEROXIA IN STROKE AND DIABETIC PATIENTS WITH STROKE
I. Hegedus, I. Drenjancevic, K. Buljan, B. Radanovic, Croatia

15:10 HOSPITAL MORTALITY ASSOCIATED WITH STROKE IN SOUTHERN IRAN
A. Borhani Haghighi, R. Safari, A. Safari, S.T.H. Heydari, Iran

15:20 POSSIBILITIES OF NEUROPROTECTION DURING ARTERIAL HYPERTENSION AND CEREBROVASCULAR DISORDERS
N. Salimova, Uzbekistan

16:00 Coffee Break, Poster and Exhibition Visit
### Teaching Course 36: Emergency neurology

**Chairpersons:** P. Berlit, *Germany*  
J. Biller, *USA*

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<th>Time</th>
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<tr>
<td>14:30</td>
<td><strong>MANAGEMENT OF ASCENDING PARESIS</strong></td>
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<td>P. Berlit, <em>Germany</em></td>
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<tr>
<td>15:15</td>
<td><strong>MANAGEMENT OF ACUTE HEADACHE</strong></td>
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<td>A. Ducros, <em>France</em></td>
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<td>16:00</td>
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### Teaching Course 37: How to do (and publish) trials in neurological disorders

**Chairpersons:** O. Rascol, *France*  
P. Sandercock, *UK*

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<th>Time</th>
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<tr>
<td>14:30</td>
<td><strong>DIFFERENT TYPES OF TRIALS FOR DIFFERENT OBJECTIVES: EXAMPLES FROM MOVEMENT DISORDERS</strong></td>
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<td>O. Rascol, <em>France</em></td>
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<td>15:15</td>
<td><strong>TRIALS IN ACUTE DISORDERS LIKE STROKE AND HEAD INJURY - PETER SANDERCOCK</strong></td>
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<td>P. Sandercock, <em>UK</em></td>
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<td>16:00</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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### Teaching Course 38: Neurology and pain

**Chairpersons:** G. Cruccu, *Italy*  
K. Foley, *USA*

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<tr>
<td>14:30</td>
<td><strong>DIABETIC NEUROPATHY: NEW TREATMENT OPTIONS</strong></td>
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<td>N. Attal, <em>France</em></td>
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<tr>
<td>15:15</td>
<td><strong>LOW-BACK PAIN AND ANTIDEPRESSANTS</strong></td>
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<tr>
<td></td>
<td>G. Cruccu, <em>Italy</em></td>
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<tr>
<td>16:00</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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Tuesday, September 24, 2013

14:30-16:00   Hall M

Teaching Course 35: Movement Disorders (AL)
translational research to bridge into clinical practice

Chairpersons:  W. Poewe, Austria
               M. Hallett, USA

14:30  PARKINSON DISEASE, MOTOR ASPECTS
       W. Poewe, Austria

15:15  PARKINSON DISEASE, NON-MOTOR ASPECTS
       R. Chaudhuri, UK

16:00  Coffee Break, Poster and Exhibition Visit

16:30-18:00   Hall A

Pathophysiological mechanisms in dementia: an update

Chairpersons:  S. Black, Canada
               R. Takahashi, Japan

16:30  PROTEIN AGGREGATIONS
       M.G. Spillantini, UK

17:00  NEUROTRANSMITTERS DEFICITS
       S. Black, Canada

17:30  GENETIC CAUSES; MONOGENIC CAUSES AND RISK GENES
       J. Hardy, UK
Tuesday, September 24, 2013

16:30-18:00    Hall B

Neuromyelitis Optica
Chairpersons:  B. Weinshenker, USA
               K. Fujihara, Japan

16:30       CLINICAL SPECTRUM OF NEUROMYELITIS OPTICA
            B. Weinshenker, USA

16:50       ANTI-AQUAPORIN 4 ANTIBODY: DETECTION METHODS AND PATHOGENETIC IMPLICATIONS
            P. Waters, UK

17:10       IMMUNOPATHOLOGY OF NEUROMYELITIS OPTICA
            T. Misu, Japan

17:30       CURRENT, FUTURE AND SYMPTOMATIC THERAPIES OF NEUROMO
            J. de Seze, France

16:30-18:00    Hall C

Evolution in Neurology
A presentation by the World Federation of Neurology’s Applied Research Group on the History of the Neurosciences
Chairpersons:  G.K. York III, USA
               A. Karenberg, Germany

16:30       INTRODUCTION AND WELCOME
            G.K. York III, USA

16:50       EVOLUTION IN ANCIENT AND GALENIC MEDICINE
            A. Karenberg, Germany

17:10       DARWINIAN AND JACKSONIAN EVOLUTION
            D. Steinberg, USA

17:30       EVOLUTION IN NEUROLOGY IN THE 20TH CENTURY...AND THE 21ST
            G.K. York III, USA
Neurosurgery for Neurologists

Joint World Federation of Neurology and World Federation of Neurosurgical Societies Session

Chairpersons: F. Tomasello, Italy
             P. Black, USA

16:30  NEUROLOGICAL SYNDROMES IN BULBAR COMPRESSION BY AN ECTATIC VERTEBRAL ARTERY
       F. Tomasello, Italy

16:50  NEUROSURGICAL CONTRIBUTIONS TO MAPPING THE HUMAN BRAIN
       P. Black, USA

17:10  SEIZURES AND SURGICAL MANAGEMENT OF LOW GRADE GLIOMAS
       H. Duffau, France

17:30  THE POTENTIAL OF DEEP BRAIN STIMULATION IN DISEASES OF THE BRAIN
       A.M. Lozano, Canada

16:30-17:15  Hall E

Debate: Stroke

Chairperson: W. Hacke, Germany

16:30  IT IS ETHICAL TO TEST RECANALIZATION DEVICES IN PLACEBO CONTROLLED TRIALS

       YES:
       S. Davis, Australia

       NO:
       H. Mattle, Switzerland
Tuesday, September 24, 2013

Free Papers Session 25: Stroke

Chairpersons: J. Kruja, Albania  
               C. Hicham, Morocco

16:30  A POOLED ANALYSIS IDENTIFIES THE POTENTIAL AND LIMITATIONS TO IMPROVE UPON INTRAVENOUS RT-PA  
       T.A. Kent, P. Mandava, USA

16:40  INTRA-ARTERIAL MECHANICAL PROCEDURES IN TREATMENT OF ACUTE STROKE  
       B. Labovic, S. Culafic, T. Lepic, R. Raicevic, Serbia

16:50  CILOSTAZOL PLUS ASPIRIN VERSUS ASPIRIN ALONE IN PATIENTS WITH SYMPTOMATIC INTRACRANIAL ARTERIAL STENOSIS: RESULTS OF CATHARSIS  

17:00  LONG-TERM NATURAL HISTORY OF INTRACRANIAL ARTERIAL STENOSIS: AN MRA FOLLOW-UP STUDY  

17:10  SYSTEMIC ALLOSTATIC OVERLOAD IN ACUTE STROKE  
       P.F. Fiori, A. Morella, G. Bellizzi, V. Pellecchia, L. Iurato, G. Esposito, C. Tammaro, E. Mazza, M. Rossi, L.M. Giannetti, M. D’Avanzo, M. Raffa, E. Pace, V.M.N. Ferrante, A. Monaco, Italy

17:20  ESTIMATED GLOMERULAR FILTRATION RATE AND RISK OF SURVIVAL IN ACUTE STROKE  
       F.A. Imarhiagbe, E.I. Okaka, F. Odiase, O. Okoye, Nigeria

17:30  ALIPOIC ACID TREATMENT IS NEURORESTORATIVE AND PROMOTES FUNCTIONAL RECOVERY AFTER STROKE IN RATS  
       K. Choi, J. Kim, H. Kim, Republic of Korea
Free Papers Session 26: Stroke

Chairpersons: W.C. Fong, Hong Kong S.A.R.
              G. Fuller, UK

16:30 TROPONIN-T IN ACUTE ISCHEMIC STROKE PATIENTS - RESULTS OF THE PROSPECTIVE HISTORY STUDY

16:40 THE DISSEMINATION AND CONDITIONS FOR ENDOVASCULAR TREATMENTS IN ACUTE ISCHAEMIC STROKE IN EUROPE
A. Kobayashi, A. Czlonkowska, EFNS Stroke Scientist Panel, Poland

16:50 BEDSIDE DYSPHAGIA SCREENING AFTER ACUTE STROKE: INCIDENCE, SCREENING, AND CLINICAL OUTCOMES
J.A.S. Vatanagul, C.P.V. Gallemit, Philippines

17:00 CIRCULATING BETA ANTITHROMBIN GLYCOFORM INCREASES DURING THE ACUTE ISCHEMIC CEREBROVASCULAR EVENT
A.M. García, M. de la Morena-Barrio, J. Corral, J. Iniesta, A. Miñano, Spain

17:10 APPLICATION OF CHEMICAL EXCHANGE SATURATION TRANSFER (CEST) MRI IN ACUTE STROKE TO VISUALIZE TISSUE ACIDOSIS AND INFARCTION RISK
J. Blicher, A. Tietze, I.K. Mikkelsen, L. Østergaard, M. Strother, S. Smith, M. Donahue, Denmark, USA

17:20 MULTIDISCIPLINARY STROKE EARLY SUPPORTED DISCHARGE PROGRAM IN A LOCAL HOSPITAL: OUTCOME AND SAFETY
W.C. Fong, S.T. Chan, C. Chao, T. Fung, V. Kwok, A. Tsoi, P. Lau, K.F. Leung, J.H.M. Chan, P.C.K. Li, Hong Kong S.A.R.
Tuesday, September 24, 2013

Free Papers Session 27: Stroke

16:30-18:00 Hall H

Chairpersons: W Lang, R.O.C C.N. Ketzoian, Uruguay

16:30 MORTALITY TRENDS BY STROKE IN URUGUAY
H.J. Hackembruch, A. Perna, C.N. Ketzoian, Uruguay

16:40 IS TREATMENT WITH ALTEPLASE BENEFICIAL IN ELDERLY PATIENTS OR PATIENTS WITH MILD DEFICIT?
S. Greisenegger, J. Ferrari, L. Seyfang, W. Lang, Austria

16:50 POSTSTROKE DEPRESSION
A. Alajbegovic, J. Djellilovic-Vranic, L. Todorovic, S. Alajbegovic, A. Nakicevic, M. Tirić-Campara, Bosnia-Herzegovina

17:00 LONG-TERM IMAGING FOLLOW-UP IN PATIENTS WITH ADEQUATELY COILED BASILAR TIP ANEURYSMS IS ESSENTIAL TO TIMELY DETECT LATE REOPENING
M. van Eijck, W.J. van Rooij, M. Sluzewski, G. Roks, The Netherlands

17:10 CEREBRAL VASOREACTIVITY WITH BREATH HOLDING TEST IN TRANSCRANIAL DOPPLER AND FUNCTIONAL MRI IN PATIENTS WITH CAROTID STENOSIS
C.R. Campos-Herrera, G.C. Beltramini, W.M. Avelar, L.M. Li, Brazil

17:20 CYP2C19 GENOTYPE AND RISK OF IN-STENT RESTENOSIS AMONG VERTEBRAL ARTERY STENT PATIENTS TREATED WITH CLOPIDOGREL: A RETROSPECTIVE STUDY
Y. Xu, China
Teaching Course 36: Emergency neurology (cont.)

Chairpersons: J. Biller, USA  
P. Berlit, Germany

16:30  COMMONLY ASKED QUESTIONS IN PATIENTS WITH ACUTE ISCHEMIC STROKE CONSIDERED FOR INTRAVENOUS THROMBOLYSIS  
J. Biller, USA

17:15  EMERGENCY MANAGEMENT OF CNS INFECTIONS  
J. Weber, Australia

Teaching Course 37: How to do (and publish) trials in neurological disorders (cont.)

Chairpersons: P. Sandercock, UK  
O. Rascol, France

16:30  KEY ASPECTS OF TRIALS IN NEURO-REHABILITATION  
G. Kwakkel, The Netherlands

17:15  INTERPRETING AND PUBLISHING TRIAL RESULTS  
B. Ovbiagele, USA

Teaching Course 38: Neurology and pain (cont.)

Chairpersons: K. Foley, USA  
G. Cruccu, Italy

16:30  POSTHERPETIC NEURALGIA: FROM VACCINE TO SYMPTOMATIC TREATMENT  
M. Haanpaa, Finland

17:15  THE PROBLEM OF MIXED PAIN IN CANCER  
K. Foley, USA
Tuesday, September 24, 2013

16:30-18:00  Hall M

Teaching Course 35: Movement Disorders (AL)  
translational research to bridge into clinical practice  
(cont.)

Chairpersons:  W. Poewe, Austria  
M. Hallett, USA

16:30  DYSTONIA  
M. Hallett, USA

17:15  ESSENTIAL TREMOR  
G. Deuschl, Germany

17:15-18:00  Hall E

Debate: Epilepsy

Chairperson:  J.J. Engel, USA

17:15  TREATMENT OPTIONS AND OUTCOMES FOR  
EPILEPSY CONTINUE TO IMPROVE

YES:
M. Bialer, Israel

NO:
D.C. Hesdorffer; USA
Satellite Symposium Sponsored by Novartis:

New therapeutic options for Alzheimer's disease: high dose (13.3 mg/24 h) rivastigmine patch

Chairpersons: J. Galvin, USA  
R. Blesa, Spain

18:15  WELCOME / INTRODUCTION  
R. Blesa, Spain

18:20  ALZHEIMER'S DISEASE: CONSIDERATIONS FOR DIAGNOSIS AND TREATMENT INITIATION  
H. Förstl, Germany

18:40  FACTORS THAT INFLUENCE TREATMENT OUTCOMES, ADHERENCE AND PERSISTENCE WITH RIVASTIGMINE PATCH  
R. Blesa, Spain

19:00  OPTIMISING RIVASTIGMINE PATCH THERAPY OVER THE DISEASE COURSE (INCL. OPTIMA AND ACTION STUDIES)  
J. Galvin, USA

19:20  SUMMARY AND CONCLUSIONS  
J. Galvin, USA

19:25  PANEL DISCUSSION / Q&A
Tuesday, September 24, 2013

18:15-19:45   Hall C

Satellite Symposium Sponsored by Biogen:
Moving the treatment of MS forward

Chairpersons: E. Auff, Austria
              H.P. Hartung, Germany

18:15    TAILORING CHOICE: A DRUG FOR EACH PATIENT AT THE RIGHT TIME
         M. Freedman, Canada

18:30    PEGYLATION: A NEW ADVANCE AFTER 20 YEARS OF INTERFERON BETA EVOLUTION
         B. Kieseier, Germany

18:50    ORAL DIMETHYL FUMARATE: DEVELOPMENT FOR MS
         T. Berger, Austria

19:20    NATALIZUMAB: AN EARLY TREATMENT OPTION FOR THE RIGHT PATIENTS
         P. Vermersch, France

19:40    Q AND A
Satellite Symposium Sponsored by Menarini:
The Algorithm of Migraine Treatment

Chairpersons: M.D. Ferrari, The Netherlands
              S. Evers, Germany

18:15   INTRODUCTION
        M.D. Ferrari, The Netherlands

18:20   NEW DIAGNOSTIC AND SEVERITY CRITERIA FOR
        MIGRAINE AND OTHER HEADACHES
        S. Evers, Germany

18:45   TRIPTANS: WHAT HAVE WE LEARNT?
        M.D. Ferrari, The Netherlands

19:10   MANAGEMENT OF MIGRAINE PATIENTS IN
        CLINICAL PRACTICE - A CASE-BASED
        APPROACH
        C. Lisotto, Italy

19:40   CLOSURE
        S. Evers, Germany
### Wednesday, September 25, 2013

#### 07:00-08:00 Hall D

**Teaching Course 39: How to examine a patient with movement disorder**  
**Speaker:** K. Bhatia, *UK*

#### 08:00-09:00 Hall A

**Plenary Lectures 7 & 8**  
**Chairpersons:**  
- D. Bergen, *USA*  
- R. Katzenschlager, *Austria*

- **08:00**  
  **FULTON SYMPOSIUM SORIANO LECTURE:** IMPACT OF GENETICS ON THE FIELD OF NEUROLOGY  
  **J. Hardy, UK**

- **08:30**  
  **TOWARDS A REDEFINITION OF PARKINSON’S DISEASE**  
  **W. Poewe, Austria**

#### 09:00-10:30 Hall A

**Diagnosing Parkinson’s Disease – evolving concepts**  
Joint World Federation of Neurology / International Parkinson and Movement Disorder Society Session  
**Chairpersons:**  
- G. Deuschl, *Germany*  
- E. Dietrichs, *Norway*

- **09:00**  
  **PARKINSON’S DISEASE REVISITED**  
  **E.C. Wolters, The Netherlands**

- **09:20**  
  **THE CONCEPT OF MILD COGNITIVE IMPAIRMENT IN PARKINSON’S DISEASE**  
  **B. Dubois, France**

- **09:40**  
  **GLOBAL BURDEN OF PARKINSON’S DISEASE**  
  **C.M. Tanner, USA**

- **10:00**  
  **THE SPECTRUM OF NON-MOTOR DISTURBANCES IN PARKINSON’S DISEASE AND THEIR DIAGNOSIS**  
  **R. Chaudhuri, UK**

- **10:30**  
  Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

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<th>Time</th>
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<tr>
<td>09:00</td>
<td>BRAIN OXYGEN MONITORING</td>
<td>C. Hemphill III, USA</td>
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<td>09:30</td>
<td>CEREBRAL MICRODIALYSIS</td>
<td>R. Helbok, Austria</td>
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<td>10:00</td>
<td>CONTINUOUS EEG AND MONITORING</td>
<td>J. Claassen, USA</td>
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09:00-10:30

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<tr>
<td>09:00</td>
<td>CNS LYMPHOMA - RECENT DEVELOPMENTS IN DIAGNOSIS AND TREATMENT</td>
<td>L.M. DeAngelis, USA</td>
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<td>09:20</td>
<td>TUMORS OUTSIDE THE BRAIN</td>
<td>W. Grisold, Austria</td>
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<td>09:40</td>
<td>THE VANISHING ROLE OF WHOLE BRAIN RADIOTHERAPY IN NEUROONCOLOGY</td>
<td>R. Soffietti, Italy</td>
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<td>10:00</td>
<td>ANTI-ANGIOGENESIS IN GLIOBLASTOMA THERAPY</td>
<td>M. Weller, Switzerland</td>
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<td>10:30</td>
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### Regional Session: Pan Arab Union of Neurological Societies (PAUNS)

**Chairperson:** A. Khalifa, *Syria*

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<th>Time</th>
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<tr>
<td>09:00</td>
<td>COGNITIVE EFFECTS OF CARDIAC SURGERY IN SYRIA</td>
<td>A. Khalifa</td>
<td>Syria</td>
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<tr>
<td>09:30</td>
<td>MANAGEMENT OF NONCONVULSIVE STATUS EPILEPTICUS</td>
<td>H. Hosny</td>
<td>Egypt</td>
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<td>10:00</td>
<td>RECESSIVE ATAXIAS</td>
<td>C. Mhiri</td>
<td>Tunisia</td>
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10:30 Coffee Break, Poster and Exhibition Visit

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### Brain & Behavior

*A presentation by the World Federation of Neurology’s Applied Research Group on Aphasia and Cognitive Disorders*

**Chairpersons:** F. Benedetti, *Italy*  
F. Manes, *Argentina*

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<tr>
<td>09:00</td>
<td>HOW PLACEBOS CHANGE THE PATIENT’S BRAIN</td>
<td>F. Benedetti</td>
<td>Italy</td>
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<tr>
<td>09:30</td>
<td>APATHY, IRRITABILITY, PSYCHOSIS - PSYCHIATRIC SYMPTOMS IN MOTOR DISORDERS</td>
<td>T. Bak</td>
<td>UK</td>
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<tr>
<td>10:00</td>
<td>PSYCHIATRIC CONDITIONS THAT CAN MIMIC EARLY BEHAVIORAL VARIANT FRONTOTEMPORAL DEMENTIA (BVFTD)</td>
<td>F. Manes</td>
<td>Argentina</td>
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10:30 Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

Free Teaching Course 43: The Future is ours! Meet the Young Neurologists worldwide

Chairpersons: W. Struhal, Austria  
              T. Wijeratne, Australia

09:00  INTRODUCTION: ACTIVITIES OF YOUNG NEUROLOGISTS WORLDWIDE  
       W. Struhal, Austria

09:20  NEUROLOGY TRAINING IN EUROPE  
       X. Kobeleva, Germany

09:40  NEUROLOGY TRAINING IN AFRICA  
       F. Yepnijo, France

10:00  INDIAN OCEAN TO DOWN UNDER- PERSONAL REFLECTIONS AND EARLY DAYS OF APAYNET  
       T. Wijeratne, Australia

10:30  Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

09:00-10:30 Hall G

Free Papers Session 28: Movement Disorders

Chairpersons: C.W. Olanow, USA
               F. Cardozo, Brazil

09:00  SPHEROID BODIES: FROM SEITELBERGER’S DISEASE TO NEUROAXONAL DYSTROPHY AND MSA-C
       S.G. Echebarria Mendieta, Spain

09:10  CLINICAL SPECTRUM OF CEREBRAL PALSY IN SOUTH JORDAN: ANALYSIS OF 122 CASES
       O. Nafi, Jordan

09:20  A PHASE 2, PLACEBO-CONTROLLED, RANDOMIZED, DOUBLE-BLIND TRIAL OF TOZADENANT (SYN-115) IN PATIENTS WITH PARKINSON’S DISEASE WITH WEARING-OFF FLUCTUATIONS ON LEVODOPA

09:30  A LONG-TERM, OPEN-LABEL STUDY OF LEVODOPA-CARBIDOPA INTESTINAL GEL IN ADVANCED PARKINSON’S DISEASE PATIENTS: SAFETY AND MOTOR-SYMPTOM ENDPOINTS

09:40  POSTURAL ABNORMALITY AS A RISK MARKER FOR LEG DEEP VENOUS THROMBOSIS (DVT) IN PARKINSON’S DISEASE
       T. Hirose, K. Yamane, M. Ota, F. Kimura, Japan

09:50  GENETIC DECONVOLUTION OF CEREBELLAR ATAXIAS IN INDIA THROUGH NEXT GENERATION SEQUENCING: NOVEL MUTATIONS IN ATYPICAL AND TYPICAL GENETIC LOCI
       M. Faruq, A. Narang, R. Kumari, D. Dash, A.K. Srivastava, M. Mukerji, India

10:30 Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

09:00-10:30  Hall H

Free Papers Session 29: Movement Disorders

Chairpersons:  B.S. Jeon, Republic of Korea
               D. Komphf, Germany

09:00  ASSOCIATION OF IDIOPATHIC POLYNEUROPATHY AND INCIDENT PARKINSON’S DISEASE: A POPULATION-BASED OBSERVATIONAL STUDY
        F. Andersohn, A. Miclea, C. Ismail, N. Arnold, D. Guo, T. Nisslein, C. Conradt, Germany, USA

09:10  CAN REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) HELP ON-FREEZERS WITH ADVANCED PD?
        H. Shehata, M. Tamawy, N. Mohieldin, E. Hassan, A. Naweto, Egypt

09:20  BRIEF ASSESSMENT OF COGNITIVE DECLINE IN THE EARLY STAGES OF PARKINSON’S DISEASE - A TWO YEAR LONGITUDINAL STUDY
        P. Bugalho, M. Viana-Baptista, Portugal

09:30  INVESTIGATION OF CORTICAL BRAIN DAMAGE IN PATIENTS WITH MACHADO-JOSEPH DISEASE
        T.J.R. Rezende, A. D’Abreu, R. Guimarães, T.M. Lopes, I. Lopes-Cendes, G. Castellano, M.C. França Junior, Brazil

09:40  RAPID EYE MOVEMENT SLEEP BEHAVIOR DISORDER IN PATIENTS WITH PARKINSON’S DISEASE: USING RAPID EYE MOVEMENT SLEEP BEHAVIOR DISORDER SCREENING QUESTIONNAIRE

09:50  CORONAL OBLIQUE ORIENTATION OFFERS IMPROVED VISUALIZATION OF NEUROFORAMINA IN CERVICAL SPINE MAGNETIC RESONANCE IMAGING
        W. Freund, S. Klessinger, M. Mueller, M.-E. Halatsch, G. Hoepner, B.L. Schmitz, Germany

10:30  Coffee Break, Poster and Exhibition Visit
Free Papers Session 30: Movement Disorders

Chairpersons:  K. Sethi, USA
               L. Almaguer Mederos, Cuba

09:00 HIGH RESOLUTION OPTICAL COHERENCE TOMOGRAPHY OF THE RETINA DEMONSTRATES SELECTIVE THINNING IN INDIVIDUAL RETINAL LAYERS IN PARKINSON’S DISEASE
I. Gottlob, A. Pilat, R. McLean, V. Sheth, G. Maconachie, Y. Rajabally, F.A. Proudlock, UK

09:10 GLUTATHIONE S-TRANSFERASE OMEGA 2 INFLUENCE THE CLINICAL PHENOTYPE OF SPINOCEREBELLAR ATAXIA TYPE 2
L. Almaguer Mederos, R. Aguilera Rodríguez, D. Almaguer Gotay, Y. González Zaldívar, D. Cuello Almarales, J. Laffita Mesa, Y. Vázquez Mojena, P. Zayas Feria, L. Velázquez Pérez, P. MacLeod, Cuba, Canada

09:20 ADVERSE DRUG REACTIONS WITH SELEGILINE AND RASAGILINE COMPARED TO LEVODOPA AND ROPINIROLE: A STUDY IN THE FRENCH PHARMACOVIGILANCE DATABASE
S. Perez-Lloret, M.V. Rey, J.-L. Montastruc, O. Rascol, France

09:30 INTERGENERATIONAL CAG REPEAT INSTABILITY AND MUTATIONAL FLOW IN CUBAN FAMILIES WITH SPINOCEREBELLAR ATAXIA TYPE 2
L. Almaguer Mederos, J. Laffita Mesa, Y. González Zaldívar, D. Cuello Almarales, D. Almaguer Gotay, Y. Vázquez Mojena, P. Zayas Feria, G. Sánchez, L. Velázquez Pérez, Cuba

09:40 DIPLOPIA IN PARKINSON’S DISEASE: PREVALENCE AND ASSOCIATIONS WITH OTHER MOTOR AND NON MOTOR SYMPTOMS

09:50 ANTIPSYCHOTIC EFFICACY AND MOTOR TOLERABILITY IN A PHASE III PLACEBO-CONTROLLED STUDY OF PIMAVANSEVIN IN PATIENTS WITH PARKINSON’S DISEASE PSYCHOSIS (ACP-103-020)
J. Cummings, S. Isaacson, R. Mills, H. Williams, K. Chi-Burris, R. Dhall, C. Ballard, USA, UK

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### Free Papers Session 30: Movement Disorders (cont.)

10:00  **CHARACTERISTICS OF WATER CHANNEL PROTEIN AQUAPORIN EXPRESSION IN PARKINSON'S DISEASE**  

10:30  Coffee Break, Poster and Exhibition Visit

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<thead>
<tr>
<th>09:00-10:30</th>
<th>Hall J</th>
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<tr>
<td><strong>Teaching Course /W45: Nerve &amp; muscle ultrasound</strong></td>
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</table>
| Chairpersons: | E. Bodner, *Austria*  
A. Boon, *USA* |
| 09:00  **ULTRASOUND GUIDED INTERVENTION ON PERIPHERAL MONONEUROPATHY**  
E. Bodner, *Austria* |
| 09:45  **ULTRASOUND AS A COMPLEMENT TO ELECTRODIAGNOSIS**  
A. Boon, *USA* |
| 10:30  Coffee Break, Poster and Exhibition Visit |

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<tr>
<th>09:00-10:30</th>
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<td><strong>Teaching Course 41: Dementia (AL) - translational research to bridge into clinical practice</strong></td>
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| Chairpersons: | R. Schmidt, *Austria*  
P. Scheltens, *The Netherlands* |
| 09:00  **GENOME-WIDE ASSOCIATION RESULTS IN AD: WILL THEY EVER YIELD NEW THERAPEUTIC STRATEGIES?**  
C. van Duijn, *The Netherlands* |
| 09:45  **MRI METHODS FOR IN VIVO DETECTION OF MICROSTRUCTURAL TISSUE CHANGES IN DEMENTIA: IS WHAT WE DON’T SEE MORE IMPORTANT THAN WHAT WE SEE?**  
R. Schmidt, *Austria* |
| 10:30  Coffee Break, Poster and Exhibition Visit |
### Teaching Course 42: MS & Demyelinating Diseases (AL) - translational research to bridge into clinical practice

**Chairpersons:** W. Carroll, *Australia*
H. Lassmann, *Austria*

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<tr>
<td>09:00</td>
<td>DIVERGENCE AND CONVERGENCE IN THERAPEUTIC ADVANCES</td>
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<td>W. Carroll, <em>Australia</em></td>
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<tr>
<td>09:45</td>
<td>THE ROLE OF MRI IN MODERN MANAGEMENT AND TREATMENT DECISIONS IN MS</td>
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<td>F. Fazekas, <em>Austria</em></td>
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<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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### Teaching Course 44: Motor neuron disease: ALS for the clinician

**Chairpersons:** A. Ludolph, *Germany*
R. Kaji, *Japan*

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<thead>
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<th>Time</th>
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<tr>
<td>09:00</td>
<td>THE CLINICAL DIAGNOSIS OF ALS - STRATEGIES AND PITFALLS</td>
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<td>A. Ludolph, <em>Germany</em></td>
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<tr>
<td>09:45</td>
<td>THE CONTRIBUTION OF ELECTROPHYSIOLOGY</td>
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<td>R. Kaji, <em>Japan</em></td>
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### Teaching Course 8: Neuroepidemiology

**Chairpersons:** P. Heuschmann, *Germany*
V. Feigin, *New Zealand*

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:00</td>
<td>GLOBAL BURDEN OF STROKE 1990-2010: UPDATES FROM GBD PROJECT</td>
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<td>V. Feigin, <em>New Zealand</em></td>
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<tr>
<td>09:45</td>
<td>NEUROEPIDEMIOLOGY ISSUES IN AFRICA</td>
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<td>P.-M. Preux, <em>France</em></td>
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<tr>
<td>10:30</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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Wednesday, September 25, 2013

11:00-12:30  Hall A

Latest developments in the treatment of Parkinson’s disease

Chairpersons:  E.C. Wolters, The Netherlands
               R. Katzenschlager, Austria

11:00  RECENT DEVELOPMENTS OF MEDICAL MANAGEMENT FOR PARKINSON’S DISEASE
       R. Katzenschlager, Austria

11:20  RECENT DEVELOPMENTS OF SURGICAL THERAPY FOR PARKINSON’S DISEASE
       R. Uitti, USA

11:40  TREATMENT OF AFFECTIVE AND PSYCHOTIC DISORDERS IN PARKINSON’S DISEASE
       P. Barone, Italy

12:00  TREATMENT OF AUTONOMIC DISTURBANCES IN PARKINSON’S DISEASE
       P. Pal, India

12:30  Lunch Break, Poster and Exhibition Visit

11:00-12:30  Hall B

Neurocritical Care in Stroke

Chairpersons:  S. Schwab, Germany
               U.K. Misra, India

11:00  ANEURYSMAL SUBARACHNOID HEMORRHAGE
       E. Schmutzhard, Austria

11:20  INTRACEREBRAL HEMORRHAGE
       T. Steiner, Germany

11:40  ISCHEMIC STROKE
       S. Schwab, Germany

12:00  SINUS VENOUS THROMBOSIS
       U.K. Misra, India

12:30  Lunch Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

11:00-12:30 Hall C

Neuro-Otology and Ophthalmology: Evaluation and Management of Vertigo, Nystagmus and Visual Disturbances

Chairpersons: R.J. Leigh, USA  
G.M. Halmagyi, Australia

11:00 EVALUATION AND MANAGEMENT OF THE PATIENT WITH UNILATERAL AND BILATERAL PERIPHERAL VESTIBULAR DISTURBANCES  
G.M. Halmagyi, Australia

11:30 EVALUATION AND MANAGEMENT OF CENTRAL VESTIBULAR DISTURBANCES AND NYSTAGMUS  
R.J. Leigh, USA

12:00 NEW APPROACHES TO TREATING VISUAL DEFECTS AND NYSTAGMUS  
C. Kennard, UK

12:30 Lunch Break, Poster and Exhibition Visit

11:00-12:30 Hall D

Neuroepidemiology

A presentation of the World Federation of Neurology’s Applied Research Group on Neuroepidemiology

Chairpersons: G. Logroscino, Italy  
V. Feigin, New Zealand

11:00 ALZHEIMER’S DISEASE AND PARKINSON DISEASE IN POPULATION-BASED STUDIES INVOLVING SUPEROLD  
C. Brayne, UK

11:30 THE STUDY OF EPILEPSY IN DEVELOPING COUNTRIES: THE ROLE OF DIFFERENT CULTURE  
P.-M. Preux, France

12:00 ALS: THE STUDY OF A RARE DISEASE IN POPULATION-BASED SETTING  
G. Logroscino, Italy

12:30 Lunch Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

11:00-12:30  Hall E

Psychiatry for the Neurologist: Theoretical and clinical implications

Joint World Federation of Neurology / World Psychiatric Association Session

Chairpersons:  L. Kuey, Turkey  
               M. El Alaoui Faris, Morocco

11:00  NEUROBIOLOGY IN PSYCHIATRY  
       A. Heinz, Germany

11:20  SOMATOFORM DISORDERS  
       M. El Alaoui Faris, Morocco

11:40  CATATONIA  
       S. Laureys, Belgium

12:00  DEPRESSIVE DISORDERS: CHALLENGES IN CLASSIFICATION AND CLINICAL PRACTICE  
       L. Kuey, Turkey

12:30  Lunch Break, Poster and Exhibition Visit

11:00-12:30  Hall F

Free Teaching Course 43: The Future is ours! Meet the Young Neurologists worldwide (cont.)

Chairpersons:  W. Struhal, Austria  
               T. Wijeratne, Australia

11:00  PAST, PRESENT AND FUTURE NEUROLOGY TRAINING IN SOUTH EAST ASIA (SEA)  
       S. Tanprawate, Thailand

11:20  SCIENTIFIC OPPORTUNITIES FOR JUNIOR NEUROLOGISTS IN EUROPE  
       J. Sellner, Austria

11:40  BENCH TO BEDSIDE: LESSONS FROM A PERSONAL TRAINING EXPERIENCE BETWEEN NIGERIA AND UK  
       R. Akinyemi, UK

12:00  STRUCTURE OF NEUROLOGY TRAINING IN INDIAN SUBCONTINENT  
       M.M. Mehndiratta, India

12:30  Lunch Break, Poster and Exhibition Visit
### Wednesday, September 25, 2013

**11:00-12:30**  
**Hall G**

**Training in neurology around the world**

**Chairpersons:**  
W. Grisold, *Austria*  
R. Gouider, *Tunisia*

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<th>Time</th>
<th>Presentation</th>
<th>Speaker(s)</th>
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<tr>
<td>11:00</td>
<td>EDUCATION AS AN IMPACT IN THE HEALTH SYSTEM</td>
<td>M.T. Medina</td>
<td>Honduras</td>
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<td>11:15</td>
<td>EDUCATIONAL STRUCTURES IN ASIA</td>
<td>M.M. Mehndiratta</td>
<td><em>India</em></td>
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<td>11:30</td>
<td>THE NEEDS IN AFRICAN EDUCATION</td>
<td>A.G. Diop</td>
<td><em>Senegal</em></td>
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<td>11:45</td>
<td>SUBSPECIALIZATION - A NEW DEVELOPMENT IN NEUROLOGY</td>
<td>S. Sergay</td>
<td><em>USA</em></td>
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<td>12:00</td>
<td>CERTIFICATION AND HARMONIZATION IN EUROPE</td>
<td>W. Grisold</td>
<td><em>Austria</em></td>
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Wednesday, September 25, 2013

11:00-12:30 Hall H

Free Papers Session 31: Movement Disorders

Chairpersons: V. Ponomarev, Belarus
               C. Trenkwalder, Germany

11:00 THE SEQUENCE EFFECT IS NOT A DEFINING CHARACTERISTIC OF PARKINSON’S DISEASE
J. Alty, S. Lacy, S. Jamieson, K. Possin, N. Schuff, M. Lones, S.L. Smith, UK, USA

11:10 EFFICACY, SAFETY AND TOLERABILITY OF RASAGILINE AS AN ADD-ON THERAPY TO DOPAMINE AGONISTS IN EARLY PARKINSON’S DISEASE: THE ANDANTE STUDY
S. Isaacson, D. Silver, A. Choudhry, R.A. Hauser, USA

11:20 SUBSTANTIA NIGRA HYPERECHOGENICITY AND APPARENT DIFFUSION COEFFICIENT (ADC): RELATIONSHIP TO CLINICAL FEATURES OF THE PARKINSON’S DISEASE
K. Mazurenka, V. Ponomarev, R. Sakovich, Belarus

11:30 SEVERE NIGROSTRIATAL DEGENERATION WITHOUT CLINICAL PARKINSONISM IN PATIENTS WITH POLG MUTATIONS

11:40 NON-MOTOR FEATURES AND MOTOR COMPLICATIONS IN IPD: ARE UPDRS PARTS I AND IV RELEVANT EVALUATION TOOLS?
M. Sebok, A. Erlacher, S. Seiler, C.N. Homann, Austria

11:50 OPIOID TREATMENT IS EFFECTIVE IN PATIENTS WITH SEVERE RLS AFTER FAILURE OF PREVIOUS MEDICATIONS - RESULTS OF A 1-YEAR STUDY
C. Trenkwalder, H. Benes, L. Grote, B. Högl, J. Winkelmann, R.P. Allen, M. Hopp, B. Bosse, R. Kohnen, Germany, Sweden, Austria, USA

12:30 Lunch Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

11:00-12:30 Hall I

Free Papers Session 32: Movement Disorders

Chairpersons: V. Kostic, Serbia
K. Sethi, USA

11:00 TRUST AND RISK BEHAVIOR IN PARKINSON’S DISEASE: EXPERIMENTAL EVIDENCE AND CLINICAL IMPLICATIONS
A. Javor, R. Riedl, M. Kirchmayr, M. Reichenberger, G. Ransmayr, Austria

11:10 NON-MOTOR MANIFESTATIONS IN PARKINSON’S DISEASE: 5 YEAR FOLLOW UP
M. Petrovic, E. Stefanova, L. Ziropadja, T. Stojkovic, V. Kostic, Serbia

11:20 FUNCTIONAL CONNECTIVITY IN EARLY PARKINSON DISEASE: A RESTING-STATE FMRI STUDY
M. Filippi, F. Agosta, F. Caso, I. Stankovic, A. Inuggi, I. Petrovic, G. Comi, V.S. Kostic, Italy, Serbia

11:30 CLINICAL ABNORMALITIES IN NIEMANN-PICK TYPE C-CARRIERS - A FAMILY CASE REPORT
S. Nia, A. Baumgartner, S. Geiblinger, C. Gruber, C. Baumgartner, Austria

11:40 TRANSCRANIAL DIRECT CURRENT STIMULATION FOR TREATMENT OF FREEZING OF GAIT IN PARKINSON’S DISEASE. A CROSS-OVER STUDY
G. Cosentino, F. Valentino, N.G. Pozzi, F. Brighina, B. Fierro, G. Savettieri, G. Sandrini, C. Pacchetti, M. D’Amelio, Italy

11:50 NMDA-RECEPTOR MEDIATED EXCITOTOXICITY IS INVOLVED IN THE PATHOGENESIS OF EXPERIMENTAL CEREBRAL MALARIA
K.M. Wechselberger, B. Taferner, R. Beer, G. Broessner, R. Helbok, M. Fischer, N. Singewald, E. Schmutzhard, P. Lackner, Translational Neurocritical Care, Austria

12:00 DIAGNOSIS OF FUNCTIONAL MOTOR DISORDER: 10 YEARS LATER
L. Leht, Ü. Krikmann, S.-M. Lüüs, S. Haldre, Estonia

12:30 Lunch Break, Poster and Exhibition Visit
### Wednesday, September 25, 2013

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<tr>
<td>11:00-12:30</td>
<td><strong>Teaching Course /W45: Nerve &amp; muscle ultrasound (cont.)</strong></td>
<td>Hall J</td>
<td>E. Bodner, <em>Austria</em> A. Boon, <em>USA</em></td>
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<tr>
<td>11:00</td>
<td><strong>ULTRASOUND OF MUSCULAR DISEASE</strong></td>
<td>Hall J</td>
<td>S. Pillen, <em>The Netherlands</em></td>
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<td>11:45</td>
<td><strong>ULTRASOUND ON COMPRESSION NEUROPATHIES</strong></td>
<td>Hall J</td>
<td>C. Martinoli, <em>Italy</em></td>
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<td>11:00-12:30</td>
<td><strong>Teaching Course 41: Dementia (AL) - translational research to bridge into clinical practice (cont.)</strong></td>
<td>Hall K</td>
<td>P. Scheltens, <em>The Netherlands</em> R. Schmidt, <em>Austria</em></td>
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<td>11:00</td>
<td><strong>BIOMARKERS IN AD: DEVELOPMENT FROM BENCH TO BEDSIDE, AND BACK!</strong></td>
<td>Hall K</td>
<td>K. Kantarci, <em>USA</em></td>
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<td>11:45</td>
<td><strong>SEARCHING FOR NON-AMYLOID RELATED CAUSES IN AD: TAU</strong></td>
<td>Hall K</td>
<td>G. Ransmayr, <em>Austria</em></td>
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<td>11:00-12:30</td>
<td><strong>Teaching Course 42: MS &amp; Demyelinating Diseases (AL) - translational research to bridge into clinical practice (cont.)</strong></td>
<td>Hall L</td>
<td>W. Carroll, <em>Australia</em> H. Lassmann, <em>Austria</em></td>
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<td>11:00</td>
<td><strong>UNDERSTANDING THE JCV AND THE DEVELOPMENT OF RISK STRATIFICATION</strong></td>
<td>Hall L</td>
<td>R. Gold, <em>Germany</em></td>
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<td>11:45</td>
<td><strong>MOLECULAR PATHOLOGY: SIGNPOSTS TO NEW THERAPIES</strong></td>
<td>Hall L</td>
<td>H. Lassmann, <em>Austria</em></td>
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11:00-12:30  Hall M

Teaching Course 44: Motor neuron disease: ALS for the clinician (cont.)

Chairpersons: A. Ludolph, Germany  
               R. Kaji, Japan

11:00  ALS AND FTD - THE CLINICAL APPROACH  
       T. Bak, UK

11:45  SPLITTING OR LUMPING? - THE SUBPHENOTYPES OF ALS/MND  
       V. Meiniger, France

12:30  Lunch Break, Poster and Exhibition Visit

11:00-12:30  Hall N

Teaching Course 8: Neuroepidemiology (cont.)

Chairpersons: P. Heuschmann, Germany  
               V. Feigin, New Zealand

11:00  RAISING THE PROFILE OF REGISTER STUDIES FOR EPIDEMIOLOGICAL AND HEALTH CARE PURPOSES  
       P. Heuschmann, Germany

11:45  METHODOLOGICAL ISSUES OF NEUROEPIDEMIOLOGICAL STUDIES  
       C. Brayne, UK

12:30  Lunch Break, Poster and Exhibition Visit

12:45-14:15  Hall C

Tournament of the Minds: Semi Final

Chairpersons: R. Shakir, UK  
               A. Vass, Austria  
               E. Stoegmann, Austria

12:45-14:15  Hall D

Tournament of the Minds: Semi Final

Chairpersons: D. Perkin, UK  
               C. Enzinger, Austria  
               R. Stark, Australia
Update on atypical Parkinsonism  

*Joint World Federation of Neurology / International Parkinson and Movement Disorder Society Session*

**Chairpersons:** W. Poewe, Austria  
R. Kaji, Japan

**14:30**  
**RECENT ADVANCES IN PSP**  
I. Litvan, USA

**14:50**  
**A MOLECULAR DISSECTION OF ATYPICAL PARKINSONISM: X-LINKED DYSTONIA-PARKINSONISM**  
R. Kaji, Japan

**15:10**  
**IMAGING FOR THE DIAGNOSIS OF ATYPICAL PARKINSONISM**  
K. Seppi, Austria

**15:30**  
**STRATEGIES FOR TREATMENT OF ATYPICAL PARKINSONISM**  
K.B. Bhattacharyya, India

**16:00**  
Coffee Break, Poster and Exhibition Visit

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**14:30-16:00**  
**Hall B**

**Neurocritical Care in Neuromuscular Diseases**

**Chairpersons:** R. Hughes, UK  
N. Birouk, Morocco

**14:30**  
**MYASTHENIC CRISIS**  
A. Chaudhuri, UK

**14:50**  
**GUILLAIN BARRÉ SYNDROME**  
R. Hughes, UK

**15:10**  
**TETANUS AND BOTULISM**  
T.P. Bleck, USA

**15:30**  
**CRITICAL ILLNESS POLYNEUROPATHY AND MYOPATHY**  
N. Latronico, Italy

**16:00**  
Coffee Break, Poster and Exhibition Visit

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**14:30-16:00**  
**Hall C**

**Movies and neurology**

**Speaker:** J. Topel, USA
Wednesday, September 25, 2013

14:30-16:00 Hall D

Regional Session: Latin America
Chairperson: M.T. Medina, Honduras

14:30  MS IN LATIN AMERICA
       J. Correale, Argentina

14:50  JUVENILE MYOCLONIC EPILEPSY IN BRAZIL
       E.M. Yacubian, Brazil

15:10  VASCULAR DEMENTIA AMONG HISPANICS
       G. Roman, USA

15:30  COMMUNITY INTERVENTIONS TO REDUCE EPILEPSY DUE TO NEUROCYSTICERCOSIS IN LATIN AMERICA
       M.T. Medina, Honduras

16:00  Coffee Break, Poster and Exhibition Visit

14:30-16:00 Hall E

Teaching Course 46: Vertigo and Balance Disorders
Chairpersons: B. Bloem, The Netherlands
              M. Dieterich, Germany

14:30  QUANTITATIVE TESTING OF VESTIBULAR FUNCTION
       G.M. Halmagyi, Australia

15:15  PERIPHERAL VESTIBULAR DISORDERS
       T. Brandt, Germany

16:00  Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

14:30-16:00 Hall F

Free Papers Session 33: Neuro-critical care

Chairpersons:  I. Rektor, Czech Republic  
                E. Schmutzhard, Austria

14:30  A NEW PERCUTANEOUS MODEL OF SUBARACHNOID HAEOMORRHAGE IN RATS  
       F. Murillo-Cabezas, J. Egea-Guerrero, E. Gordillo-Escobar, M. Moreno-Valladares, M. Munoz-Sánchez, Spain

14:40  MINOCYCLINE CANNOT PROTECT NEURONS AGAINST BILIRUBIN-INDUCED HYPEREXCITATION IN THE VENTRAL COCHLEAR NUCLEUS  
       C. Li, S. Yin, China

14:50  TEMPERATURE MODULATES THE NEURONAL RESPONSE IN THE THALAMUS AND THE CORTEX IN RATS  
       C. Chen, A. Maybhate, H. Cai, X. Jia, USA, China

15:00  CHRONIC HYDROCEPHALUS AFTER EXPERIMENTAL SUBARACHNOID HEMORRHAGE  
       P. Lackner, A. Vahmjanin, Q. Hu, P.R. Krafft, W. Rolland, J.H. Zhang, Austria, USA

15:10  INTEROBSERVER AGREEMENT AND VALIDITY OF BEDSIDE “POSITIVE SIGNS” FOR FUNCTIONAL WEAKNESS, SENSORY AND GAIT DISORDERS IN CONVERSION DISORDER  
       C. Daum, F. Gheorgita, M. Spatola, V. Stojanova, F. Medlin, F. Vingerhoets, A. Berney, G.E. Maccaferri, M. Hubschmid, S. Aybek, Switzerland

15:20  THE PHENOMENOLOGY AND EPISTEMOLOGY OF KONZO: READINGS FROM THE KAHEMBA OUTBREAK, DEMOCRATIC REPUBLIC OF CONGO. PART I: SOCIOECONOMIC ASPECTS  

15:30  CEREBRAL MALARIA WITH CORPUS CALLOSUM SPLENIUM LESION  
       A. Eker, H.K. Suer, O. Tosun, Cyprus

16:00  Coffee Break, Poster and Exhibition Visit
Wednesday, September 25, 2013

Free Papers Session 34: Stroke

Chairpersons: J. De Ruecke, Belgium
               A. Etribi, Egypt

14:30  AN EVALUATION OF NEUROENDOCRINE DYSFUNCTION FOLLOWING ACUTE ANEURYSMAL SUBARACHNOID HEMORRHAGE: A PROSPECTIVE STUDY
       A.K. Jaiswal, S.B. Yadav, R.N. Sahu, S. Behari, A.K. Mahapatra, India

14:40  NECROSECTOMY BY MIN TECHNIQUES VERSUS CRANIECTOMY IN STROKE
       K.D.M. Resch, Germany

14:50  CAPABILITY OF NAVIGATED REPEATED TRANSCRANIAL MAGNETIC STIMULATION IN STROKE REHABILITATION (RANDOMIZED BLIND SHAM-CONTROLLED STUDY) (CLINICALTRIALS.GOV IDENTIFIER: NCT01652677)
       A. Chervyakov, M. Piradov, L. Chernikova, M. Nazarova, V. Gnezditsky, N. Savitskaya, P. Fedin, Russia

15:00  PERILESIONAL AND SUBCORTICAL PLASTICITY AFTER FOCAL ISCHEMIC STROKE IS ASSOCIATED WITH MOTOR RECOVERY: A TENSOR-BASED MORPHOMETRY STUDY
       E. Abela, A. Seiler, J. Missimer, A. Federspiel, C. Hess, M. Sturzenegger, R. Wiest, B. Weder², Switzerland

15:10  CAVEOLIN-1 PHOSPHORYLATION PLAYS AN IMPORTANT Role IN INHIBITION OF OXYGEN-GLUCOSE-DEPRIVATION-INDUCED ENDOTHELIAL CELL APOPTOSIS VIA REGULATING STAT3 PATHWAY

15:20  PEROXYNITRITE COULD REGULATE PROLIFERATION AND NEURONAL DIFFERENTIATION OF NEURAL STEM/PROGENITOR CELLS THROUGH ACTIVATING WNT/B-CATENIN SIGNALING PATHWAY
       J. Shen, X.-M. Chen, T.-T. Yan, Hong Kong S.A.R.
# Wednesday, September 25, 2013

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 14:30 | Free Papers Session 34: Stroke (cont.) | **15:30** PREDICTORS OF EARLY POST-STROKE SEIZURES IN PATIENTS WITH SPONTANEOUS INTRACEREBRAL HEMORRHAGE  
| 16:00 | Coffee Break, Poster and Exhibition Visit |                                                                                       |
|       |                                    |                                                                                       |
| 14:30 | Free Papers Session 37: Child Neurology | Chairpersons: H.Awn, *Yemen*  
M.Rivera, *Chile*                                                                                       |
| 14:30 |                                    | **AGE, SEX AND STROKE TYPE DIFFERENCES IN STROKE PATIENTS AT MUKALLA, HADHRAMOUT, REPUBLIC OF YEMEN: ANALYSIS OF 1072 CASES**  
R.M. Bamekhlah, H.S. Al Ghazali, N.S. Musaian, *Yemen* |
| 14:40 |                                    | **EVALUATION OF INTELLECTUAL DEVELOPMENT IN CHILDREN WITH CONGENITAL HEART DISEASE**  
M. Nurmukhamedova, Y. Madjidova, *Uzbekistan* |
| 14:50 |                                    | **DIFFUSION TENSOR IMAGING REVEALS CEREBELLAR, THALAMIC AND GLOBAL WHITE MATTER ABNORMALITIES IN A RAT MODEL OF KERNICTERUS**  
D. Reisinger, J. Zhang, J. Marx, M. Porambo, M.V. Johnston, A. Fatemi, *USA* |
| 15:00 |                                    | **AN EVALUATION OF THE RISKS INVOLVED IN ISCHEMIC ENCEPHALOPATHY AMONG MONGOLIAN CHILDREN**  
T. Sosorburam, B. Batbayar, *China, Mongolia* |
| 15:10 |                                    | **RISK FACTORS FOR CEREBRAL PALSY IN CHILDREN WITH HIV/AIDS IN BOTSWANA**  
D. Bearden, B. Monokwane, *USA, Botswana* |
| 15:20 |                                    | **ASTROCYTES IN INFANTILE NEURONAL CEROID LIPOFUSCINOSIS (INCL)**  
S. Saravanabavan, *UK* |
| 16:00 | Coffee Break, Poster and Exhibition Visit |                                                                                       |
Wednesday, September 25, 2013

14:30-16:00 Hall I

Teaching Course /W59: Botulinum toxin workshop
Chairpersons: D. Truong, USA  
P. Schnider, Austria

14:30  PHARMACOLOGY, IMMUNOLOGICAL ASPECTS, TOXINS OF NEXT GENERATIONS  
T. Sycha, Austria

15:15  THE USE OF BOTULINUM TOXIN IN DYSTONIA  
D. Truong, USA

16:00 Coffee Break, Poster and Exhibition Visit

14:30-16:00 Hall J

Teaching Course 48: Neurotrauma (CNS and PNS)
Chairpersons: P.E. Vos, The Netherlands  
D.W. Zochodne, Canada

14:30  REGENERATIVE STEPS AND BARRIERS TO REGROWTH  
D.W. Zochodne, Canada

15:15  CHALLENGES TO NERVE REGENERATION IN HUMANS: THE LONG TERM DENERVATED STUMP  
A. Hoke, USA

16:00 Coffee Break, Poster and Exhibition Visit
**Wednesday, September 25, 2013**

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<tr>
<td>14:30-16:00</td>
<td><strong>Hall K</strong>&lt;br&gt;Teaching Course 49: Danube Symposium: Neurodegenerative disorders I&lt;br&gt;Chairpersons: L. Vécsei, Hungary&lt;br&gt;Z. Stelmasiak, Poland</td>
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<tr>
<td>14:30</td>
<td>INTRODUCTION&lt;br&gt;F. Gerstenbrand, Austria</td>
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<td>14:45</td>
<td>COGNITION DETERIORATING AFTER STROKE- A MAJOR DISABILITY&lt;br&gt;M. Brainin, Austria</td>
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<td>15:00</td>
<td>FRONTOTEMPORAL DEMENTIAS&lt;br&gt;G. Ransmayr, Austria</td>
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<td>15:15</td>
<td>THE PRIONIZATION OF NEURODEGENERATIVE DISEASES&lt;br&gt;A. Korczyn, Israel</td>
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<td>15:30</td>
<td>THE BLOOD-BRAIN BARRIER IN DEMENTIA&lt;br&gt;O. Bajenaru, Romania</td>
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<td>16:00</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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<td>14:30-16:00</td>
<td><strong>Hall L</strong>&lt;br&gt;Teaching Course 50: Education neurology (paradigm shift in training and assessment)&lt;br&gt;Chairpersons: J. Kuks, The Netherlands&lt;br&gt;M.M. Mehndiratta, India</td>
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<tr>
<td>14:30</td>
<td>INTRODUCTION: TEACHING AND LEARNING IN THE 21ST CENTURY&lt;br&gt;J. Kuks, The Netherlands</td>
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<td>15:05</td>
<td>WHAT IS IMPORTANT IN TODAY’S NEUROLOGICAL TRAINING?&lt;br&gt;T. Wijeratne, Australia</td>
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<td>15:40</td>
<td>DISCUSSION</td>
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<td>16:00</td>
<td>Coffee Break, Poster and Exhibition Visit</td>
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**Wednesday, September 25, 2013**

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<th>Time</th>
<th>Hall M</th>
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<th>Speaker(s)</th>
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<tr>
<td>14:30</td>
<td></td>
<td><strong>Teaching Course 51: Neuroethics</strong></td>
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<td><strong>Chairpersons:</strong> J. Bernat, USA</td>
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<td>S. Laureys, Belgium</td>
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<tr>
<td>14:30</td>
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<td><strong>ETHICAL ISSUES IN DISORDERS OF CONSCIOUSNESS</strong></td>
<td>S. Laureys, Belgium</td>
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<td>15:15</td>
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<td><strong>AUTONOMY AT THE END OF LIFE: THE ROLE OF THE NEUROLOGIST</strong></td>
<td>G.-D. Borasio, Switzerland</td>
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<td>16:00</td>
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<td>Coffee Break, Poster and Exhibition Visit</td>
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<td>14:30</td>
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<td><strong>Teaching Course 47: Sleep disorders / NeuroSleep</strong></td>
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<td><strong>Chairpersons:</strong> M. Grigg-Damberger, USA</td>
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<td>B. Högl, Austria</td>
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<td>14:30</td>
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<td><strong>IMPACT OF IDENTIFYING AND TREATING OBSTRUCTIVE SLEEP APNEA IN PEOPLE WITH EPILEPSY</strong></td>
<td>M. Grigg-Damberger, USA</td>
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<td>15:15</td>
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<td><strong>CIRCADIAN RHYTHM DISORDERS AND CHRONOPHARMACOLOGY NEUROLOGISTS NEED TO KNOW</strong></td>
<td>C. Bassetti, Switzerland</td>
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<tr>
<td>16:00</td>
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<td>Coffee Break, Poster and Exhibition Visit</td>
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Wednesday, September 25, 2013

16:30-18:00  Hall A

Recent advances in Movement Disorders

Joint World Federation of Neurology / Movement Disorders Society Session

Chairpersons:  R. Uitti, USA
               F. Cardozo, Brazil

16:30  WHAT IS ESSENTIAL TREMOR?
       G. Deuschl, Germany

16:50  NEW CONCEPTS OF DYSTONIA
       V. Fung, Australia

17:10  DIAGNOSTIC WORK-UP OF CHOREAS
       F. Cardoso, Brazil

17:30  THE SPECTRUM OF ATAXIAS
       A. Durr, France

16:30-18:00  Hall B

Brain Death and the Concept of Brain Death across regions and cultures

Chairpersons:  E. Schmutzhard, Austria
               S. Ogun, Nigeria

16:30  EUROPE
       F. Erbguth, Germany

16:50  MIDDLE EAST AND AFRICA
       M. El-Tamawy, Egypt

17:10  ASIA AND AUSTRALIA
       M. Irving, Australia

17:30  AMERICAS
       E. Wijdicks, USA
Wednesday, September 25, 2013

16:30-18:00 Hall C

Advances in neuro-imaging

A presentation of the World Federation of Neurology’s Applied Research Group on Neuro-imaging

Chairpersons: J.C. Masdeu, USA  
K. Seppi, Austria

16:30 ADVANCES IN MULTIPLE SCLEROSIS IMAGING  
M. Filippi, Italy

16:45 CONQUERING INFECTION WITH THE HELP OF NEUROIMAGING  
L. Amaral, Brazil

17:00 HIGH FIELD MRI IMAGING AT 7T  
T. Nakada, Japan

17:15 MOVEMENT DISORDERS: MRI AND PET  
D.J. Brooks, UK

17:30 UNRAVELING THE NEUROBIOLOGY OF DEMENTIA WITH NEUROIMAGING AND GENETICS  
J.C. Masdeu, USA

16:30-18:00 Hall D

Regional Session: Europe

Chairpersons: R. Hughes, UK  
C. Bassetti, Switzerland

16:30 UPDATE ON EVIDENCE-BASED TREATMENT AND PREVENTION OF STROKE  
P. Sandercock, UK

17:00 THE EXPECTED CHALLENGE OF STROKE DURING THE NEXT DECADE  
M. Pugliatti, Italy

17:30 RESEARCH IS THE WAY TO IMPROVE TREATMENT FOR BRAIN DISORDERS  
P. Cupers, Belgium

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Wednesday, September 25, 2013

16:30-18:00  Hall E

Teaching Course 46: Vertigo and Balance Disorders (cont.)

Chairpersons:  B. Bloem, *The Netherlands*
               M. Dieterich, *Germany*

16:30  CENTRAL VESTIBULAR DISORDERS
       M. Dieterich, *Germany*

17:15  CLINICAL ASSESSMENT OF FALLS
       B. Bloem, *The Netherlands*
Free Papers Session 36: Stroke

Chairpersons: J. Sellner, Austria
A. Siva, Turkey

16:30 IS THERE AN EVIDENCE TO PERFORM THROMBECTOMY IN PATIENTS OVER 80 YEARS OLD?
E. Broussalis, F. Weymayr, E. Trinka, M. Killer, Austria

16:40 TREAT AND TRANSFER: EFFICACY AND SAFETY OF THE TELESTROKE APPROACH IN SALZBURG, AUSTRIA
I. Deak, J.S. Mutzenbach, T. Johansson, E. Trinka, J. Sellner, Austria

16:50 CEREBRAL VENOUS THROMBOSIS: AN OVERLOOKED COMPLICATION OF LUMBAR PUNCTURE
B.I. Tiftikcioglu, D. Guner, Y. Zorlu, Turkey

17:00 EVALUATION OF THE FLUENCY PROFILING SYSTEM (FPS) AS A MEASURE OF THE EFFICIENCY OF DYNAMIC LANGUAGE NETWORKS
K.M. Hird, R. Oehmen, D. Little, J. Dunn, K. Kirsner, Australia

17:10 NOT SO FAST! THE PUBLIC STRUGGLES TO RECOGNISE STROKE

17:20 VERTEBRAL ARTERY DISSECTIONS AN UNDER DIAGNOSED STROKE
M.H. Thekkumpurath, N. Ravi, T. Thekkumpurath, A. Kumar, B. Kiran, India

17:30 STROKE IN YOUNG MALAWIAN ADULTS IS ASSOCIATED WITH HIV INFECTION AND RECENT ANTIRETROVIRAL DRUG INITIATION: A PROSPECTIVE CASE-CONTROL STUDY
Wednesday, September 25, 2013

16:30-18:00  Hall G

Free Papers Session 35: Stroke

Chairpersons:  L. Csiba, Hungary  
A. Aquino, Philippines

16:30  NEW PROGNOSTIC SCORE FOR THE PREDICTION OF 30-DAY OUTCOME IN SPONTANEOUS SUPRATENTORIAL CEREBRAL HEMORRHAGE  

16:40  LATE CEREBROVASCULAR COMPLICATIONS OF RADIATION THERAPY FOR PEDIATRIC PRIMARY CENTRAL NERVOUS SYSTEM TUMORS  
J. Passos, H. Nzwalo, J. Marques, A. Azevedo, S. Nunes, D. Salgado, Portugal

16:50  THROMBOLYSIS OR ANTICOAGULATION FOR CEREBRAL VENOUS THROMBOSIS (TO-ACT TRIAL)  

17:00  P-WAVE DISPERSION & TRANSTHORACIC ECHOCARDIOGRAPHY TO PREDICT PAROXYSMAL ATRIAL FIBRILLATION AS A CAUSE OF STROKE OR TRANSIENT ISCHEMIC ATTACK  
D. Ragab, H. Zaghla, M. Hamdy, M. Elansary, Egypt

17:10  PROFILE IN IMPACT OF DEPRESSIVE SYMPTOMS AFTER STROKE  
Z. Adwan, Syria

17:20  VASCULAR RISK FACTORS, ETIOLOGY AND OUTCOME COMPARISON BETWEEN CANCER AND NON-CANCER PATIENTS WITH ACUTE ISCHEMIC STROKE: NESTED CASE-CONTROL STUDY  

17:30  BEYOND DWI - EMERGING CANDIDATE MRI BIOMARKERS ASSOCIATED WITH RISK OF EARLY STROKE AFTER TIA  
Wednesday, September 25, 2013

Free Papers Session 38: Neurogenetics

Chairpersons:  Riadh Gouider, Tunisia  
                S. Boholega, Saudi Arabia

16:30  NEW GENE MUTATIONS IDENTIFIED IN RECESSIVE CHARCOT MARIE TOOTH TUNISIAN FAMILIES  
      I. Kacem, L. Sellami, M. Ben Djebara, Y. Hizem, C. Gnaichia, A. Gargouri-Berrechid, E. Legeurn, R. Gouider, Tunisia, France

16:40  A NOVEL CSF1R MUTATION IN HEREDITARY DIFFUSE LEUCO-ENCEPHALOPATHY WITH SPHEROIDS  

16:50  SPG4 MUTATIONS IN BRAZILIAN PATIENTS WITH HEREDITARY SPASTIC PARAPLEGIA  

17:00  C9ORF72 EXPANSION IN ATYPICAL PARKINSONISM  
      L. Schottlaender, A. Sailer, J. Polke, H. Ling, R. de Silva, J. Holton, T. Revesz, A. Lees, H. Houlden, UK

17:10  THREE NEW MUTATIONS IN CSF1R GENE IN 3 ITALIAN PATIENTS WITH HEREDITARY DIFFUSE LEUKOENCEPHALOPATHY WITH AXONAL SPHEROIDS  

17:20  NEUROPHYSIOLOGICAL ENDOPHENOTYPE IN NON-DEMENTED CARRIERS OF APOLIPOPROTEIN E AND APOLIPOPROTEIN J/CLUSTER ALZHEIMER’S RISK VARIANTS  

17:30  CLINICAL ANALYSIS OF LONGSTANDING SUBACUTE MYELO-OPTICO-NEUROPATHY (SMON), A CLOQUINOL INTOXICATION  
      M. Konagaya, S. Kuru, M. Sakai, Y. Saito, Y. Konagaya, SMON Research Committee, Japan
Wednesday, September 25, 2013

16:30-18:00    Hall I

Teaching Course/W59: Botulinum toxin workshop (cont.)

Chairpersons:  D. Truong, USA  
                P. Schnider, Austria

16:30    THE USE OF BOTULINUM TOXIN IN AUTONOMIC
         P. Schnider, Austria

17:15    THE USE OF BOTULINUM TOXIN IN HEADACHE
         S.D. Silberstein, USA

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16:30-18:00    Hall J

Teaching Course 48: Neurotrauma (CNS and PNS) (cont.)

Chairpersons:  D.W. Zochodne, Canada  
                P.E. Vos, The Netherlands

16:30    TRAUMATIC BRAIN INJURY
         P.E. Vos, The Netherlands

17:15    SPINAL CORD INJURIES- CLINICAL
         ASSESSMENT. NEW PHARMACOLOGICAL
         APPROACH IN BRAIN AND SPINAL CORD
         NEUROPROTECTION AND NEURORECOVERY
         TREATMENT
         D. Muresanu, Romania
Wednesday, September 25, 2013

16:30-18:00  Hall K

Teaching Course 49: Danube Symposium:
Neurodegenerative disorders II (cont.)

Chairpersons:  U. Bonuccelli, Italy
               A. Korczyn, Israel

16:30  CURRENT STATUS ON BIOMARKERS IN ALZHEIMER’S DISEASE
       P. Riederer, Germany

16:45  PROGRESSIVE SUPRANUCLEAR PALSY VARIANTS
       V. Kostic, Serbia

17:00  HIGHER LEVEL GAIT DISORDERS
       E. Ruzicka, Czech Republic

17:15  NEUROPLASTICITY IN NEURODEGENERATION DISEASES AND STROKE
       V. Demarin, Croatia

17:30  NOVEL PRECLINICAL THERAPEUTIC STRATEGIES OF NEURODEGENERATION WITH KYNURENINES: CLINICAL PERSPECTIVES
       L. Vécsei, Hungary

17:45  DISCUSSION

16:30-18:00  Hall L

Teaching Course 50: Education neurology (paradigm shift in training and assessment) (cont.)

Chairpersons:  J. Kuks, The Netherlands
               M.M. Mehndiratta, India

16:30  ASSESSMENT IN A POSTGRADUATE SETTING
       W. Struhal, Austria

17:05  CONTINUOUS MEDICAL EDUCATION / E-LEARNING
       M.M. Mehndiratta, India

17:40  CONCLUSIONS
       J. Kuks, The Netherlands
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<td><strong>Teaching Course 51: Neuroethics (cont.)</strong></td>
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<td>F. Gerstenbrand, Austria</td>
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<td><strong>16:30</strong> INTERNATIONAL CONSENSUS ON BRAIN DEATH DETERMINATION</td>
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<td>F. Gerstenbrand, Austria</td>
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<td><strong>17:15</strong> INFORMED CONSENT AND REFUSAL IN NEUROLOGY</td>
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<td>J. Bernat, USA</td>
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<td>16:30-18:00</td>
<td><strong>Teaching Course 47: Sleep disorders / NeuroSleep (cont.)</strong></td>
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<td><strong>Chairpersons:</strong> B. Högl, Austria</td>
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<td>M. Grigg-Damberger, USA</td>
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<td><strong>16:30</strong> ROLE AND VALUE OF VIDEO-POLYSOMNOGRAPHY AND QUESTIONNAIRES IN</td>
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<td>DIAGNOSING REM SLEEP BEHAVIOR DISORDER</td>
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<td>B. Högl, Austria</td>
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<td><strong>17:15</strong> MANAGING RESTLESS LEGS SYNDROME AND ITS AUGMENTATION</td>
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<td>C. Trenkwader, Germany</td>
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Satellite Symposium Sponsored by Bayer:

25 Years of Partnership: Working Towards a Better Future for Patients with MS

Chairperson: T. Berger, Austria

18:15  25 YEARS OF PARTNERSHIP: WORKING TOWARDS A BETTER FUTURE FOR PATIENTS WITH MS
       T. Berger, Austria

19:00  25 YEARS OF PARTNERSHIP: THE EARLY YEARS
       W. Carroll, Australia

19:10  25 YEARS OF PARTNERSHIP: CURRENT FOCUS
       R. Berkovich, USA

19:35  TOWARDS A BETTER FUTURE FOR PATIENTS WITH MS
       A. Thompson, UK

19:45  25 YEARS OF PARTNERSHIP: CONTINUOUS EFFORTS TO IMPROVE MS PATIENT SUPPORT
       V. Limmroth, Germany

20:00  DISCUSSION
## Thursday, September 26, 2013

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<tr>
<td>07:00-08:00</td>
<td>Hall D</td>
<td><strong>Teaching Course 52: How to examine a patient with sudden loss of consciousness</strong></td>
<td><strong>Speaker:</strong> S. Laureys, <em>Belgium</em></td>
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<td>08:00-09:00</td>
<td>Hall A</td>
<td><strong>Plenary Lectures 9 &amp; 10</strong></td>
<td><strong>Chairpersons:</strong> W. Grisold, <em>Austria</em></td>
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<td><strong>R. Hughes, UK</strong></td>
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<td>08:00</td>
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<td><strong>JAMES PARKINSON</strong></td>
<td><strong>G. Stern, UK</strong></td>
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<td>08:30</td>
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<td><strong>MASLAND LECTURE: CNS TUBERCULOSIS - A GLOBAL CHALLENGE</strong></td>
<td><strong>S.M. Katrak, India</strong></td>
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<td>09:00-10:30</td>
<td>Hall A</td>
<td><strong>Sleep</strong></td>
<td><strong>Chairpersons:</strong> A. Culebras, <em>USA</em></td>
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<td><strong>B. Högl, Austria</strong></td>
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<td>09:00</td>
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<td><strong>NARCOLEPSY - AN UPDATE</strong></td>
<td><strong>C. Bassetti, <em>Switzerland</em></strong></td>
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<td>09:20</td>
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<td><strong>CASE STUDIES IN NON-REM PARASOMNIAS</strong></td>
<td><strong>C. Schenck, USA</strong></td>
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<td>09:40</td>
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<td><strong>NOCTURNALFRONTAL LOBE EPILEPSY: DIFFERENTIAL DIAGNOSIS</strong></td>
<td><strong>L. Parrino, Italy</strong></td>
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<td>10:00</td>
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<td><strong>SLEEP, SLEEPINESS, AND REM SLEEP BEHAVIOR DISORDER IN PARKINSONIAN DEGENERATIVE DISORDERS</strong></td>
<td><strong>C. Trenkwalder, Germany</strong></td>
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<td>10:30</td>
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<td>Coffee Break, Poster and Exhibition Visit</td>
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Thursday, September 26, 2013

**Hall B**

The Spectrum of Amyotrophic Lateral Sclerosis/Motor Neuron Disease

Chairpersons: G. Sobue, *Japan*  
M. Neumann, *Switzerland*

- **09:00** THE NEUROPATHOLOGY OF AMYOTROPHIC LATERAL SCLEROSIS AND FRONTO-TEMPORAL DEMENTIA - SPECTRUM OR DISTINCT DISEASES  
  M. Neumann, *Switzerland*

- **09:30** CLINICAL SPECTRUM AND GENETICS OF KII A LS-PD COMPLEX  
  S. Kuzuhara, *Japan*

- **10:00** COGNITION AND OTHER PROGNOSTIC FACTORS IN AMYOTROPHIC LATERAL SCLEROSIS/MOTOR NEURON DISEASE  
  A. Ludolph, *Germany*

- **10:30** Coffee Break, Poster and Exhibition Visit

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**Hall C**

Neuroethics

Chairpersons: J. Bernat, *USA*  
J. Chopra, *India*

- **09:00** ETHICAL ISSUES IN NEUROSCIENCE RESEARCH  
  E. Racine, *Canada*

- **09:20** PHILOSOPHICAL ISSUES IN CONSCIOUSNESS  
  A. Zeman, *UK*

- **09:40** BRAIN DEATH: ETHICAL ISSUES  
  J. Bernat, *USA*

- **10:00** END-OF-LIFE ISSUES IN NEUROLOGY  
  G.-D. Borasio, *Switzerland*

- **10:30** Coffee Break, Poster and Exhibition Visit
Thursday, September 26, 2013

09:00-10:30  Hall D

Advanced Neurophysiology

Chairpersons:  P.M. Rossini, Italy  
                S. Teipel, Germany

09:00  ELECTROENCEPHALOGRAPHY AND BRAIN CONNECTIVITY  
       C. Babiloni, Italy

09:30  MAGNETIC RESONANCE IMAGING AND BRAIN CONNECTIVITY  
       S. Teipel, Germany

10:00  TRANSCRANIAL MAGNETIC STIMULATION AND BRAIN CONNECTIVITY  
       P.M. Rossini, Italy

10:30  Coffee Break, Poster and Exhibition Visit
Free Papers Session 39: Sleep

Chairpersons:  C. Trenkwalder, Germany  
               J.Y. Fonsah, Cameroon

09:00  POLYSOMNOGRAPHIC SLEEP PARAMETERS IN AN AGING POPULATION  
       W. Moraes, R. Piovazzan, L. Bittencourt, D. Poyares, S. Tufik, Brazil

09:10  WORLDWIDE RECORD OF REM SLEEP TIME IN A PATIENT WITH PEDONCULOPONTINE NUCLEUS AREA (PPNA) STIMULATION  
       D. Neutel, D. Grabli, C. Karachi, M.-L. Welter, E. Claire, B. Eric, F. Chantal, I. Arnulf, France

09:20  INJURIES TO PATIENTS AND THEIR BEDPARTNERS ARE FREQUENT IN REM SLEEP BEHAVIOR DISORDER  
       E.K. St. Louis, USA

09:30  CORTICAL AFFERENT INHIBITION IS REDUCED IN PATIENTS WITH IDIOPATHIC REM SLEEP BEHAVIOR DISORDER AND COGNITIVE IMPAIRMENT: A TMS STUDY  
       A.B. Kunz, S.M. Golaszewski, J. Bergmann, F. Brigo, M. Seidl, M. Christova, F. Tezzon, E. Trinka, R. Nardone, Austria, Italy

09:40  ACTIGRAPHY IN THE ASSESSMENT OF SLEEP PATTERNS IN HIV-AIDS IN CAMEROON (SUB-SAHARAN AFRICA)  

09:50  OBSTRUCTIVE SLEEP APNEA IN SICKLE-CELL DISEASE PATIENTS IN CAMEROON  

10:00  LEWY NEURITE-LIKE STRUCTURES ARE RARELY ASSOCIATED WITH LEWY BODY PATHOLOGY AT THE BRAINSTEM OF MULTIPLE SYSTEM ATROPHY (MSA)  
       M. Mimuro, S. Tatsumi, Y. Iwasaki, M. Yoshida, Japan

10:30  Coffee Break, Poster and Exhibition Visit
09:00  A LONG-TERM EVALUATION OF LATENCY OF PEDIATRIC BRAIN TUMORS DIAGNOSIS IN PROVINCE OF DELTA-EGYPT
H.I. Maaty, Egypt

09:10  SAFETY OF BEVACIZUMAB WITH OR WITHOUT ANTICOAGULANT TREATMENT IN NEURO-ONCOLOGICAL PATIENTS: A SYSTEMATIC REVIEW
G. Simonetti, E. Trevisan, P. Gaviani, E. Lamperti, A. Salmaggi, A. Silvani, Italy

09:20  EFFICACY AND BIOMARKER FINDINGS FROM AVAGLIO, A PHASE III TRIAL OF BEVACIZUMAB PLUS TEMOZOLOMIDE AND RADIOTHERAPY IN NEWLY DIAGNOSED GLIOBLASTOMA
W. Wick, T. Cloughesy, W. Mason, R. Henriksson4,5, F. Saran, R. Nishikawa, M. Hilton, J. Garcia, C. Pallaud, O. Chinot, Germany, USA, Canada, Sweden, UK, Japan, Switzerland, France

09:30  PARANEOPLASTIC MOTOR NEURON DISEASE
I. Kacem, C. Gnaichia, Y. Hizem, L. Sellami, M. Ben Djebara, A. Gargouri-Berrechid, R. Gouider, Tunisia

09:40  THE RELATIONSHIP BETWEEN OPTICAL COHERENCE TOMOGRAPHIC AND PERIMETRIC FINDINGS IN PATIENTS WITH PAPILLEDEMA
M. Morrow, USA

09:50  TREATMENT FOR PARANEOPLASTIC NEUROPATHIES
B. Giometto, R. Vitaliani, W. Grisold, Italy, Austria

10:00  A NEW CLINICAL MANEUVER FOR DETECTION OF CEREBELLAR LESIONS IN HUMANS BASED ON COGNITIVE FUNCTIONS OF THE CEREBELLUM
E. de Font-Réaulx, A.R. Díaz-Victoria, R. Ramos Cuevas, C. Cantú Brito, Mexico

10:30  Coffee Break, Poster and Exhibition Visit
Thursday, September 26, 2013

Free Papers Session 41: CNS Infections

Chairpersons:  S. Ogun, Nigeria  
                M. Benabdellilji, Morocco

09:00  HHV-6 AND VZV DUAL INFECTION
       J. Pietiläinen-Nicklén, T. Blom, L. Uotila, M. Färkkilä, M. Koskiniemi, Finland

09:10  CENTRAL NERVOUS SYSTEM MANIFESTATIONS OF LASA FEVER IN NIGERIA AND THE EFFECT ON MORTALITY
       P.O. Okokhere, I.A. Bankole, G.O. Akpede, Nigeria

09:20  LONG TERM COGNITIVE DEFICITS AFTER TREATED LYME NEUROBORRELIOIS-
       NEUROPSYCHOLOGICAL PROFILE AND DEMOGRAPHICAL CHARACTERISTICS
       R. Eikeland, G.C. Lohaugen, Norway

09:30  CURCUMIN NANOPARTICULATE BASED NEUROPROTECTIVE APPROACH FOR MANAGEMENT OF CEREBRAL MALARIA
       K. Jain, S. Sood, K. Gowthamarajan, India

09:40  PLASMODIUM FALCIPARUM HISTIDINE-RICH PROTEIN-2 (PHRP-2) IS A CEREBROSPINAL FLUID (CSF) BIOMARKER FOR CEREBRAL MALARIA (CM)

09:50  NEUROLOGICAL MANIFESTATIONS OF VISCERAL LEISHMANIASIS
       O. Hamid, A. Hussein, A. Sidig, F. Yassein, M. Malk Aldar, K. Hagnour, M.A.O. Taha, Sudan

10:00  EVOLUTION OF REGIONALLY ACCENTUATED REVERSIBLE BRAIN GREY MATTER REDUCTION IN ULTRA MARATHON RUNNERS DETECTED BY VOXEL BASED MORPHOMETRY
       W. Freund, S. Faust, F. Birklein, C. Billich, A.P. Wunderlich, U.H. Schuetz, Germany

10:30  Coffee Break, Poster and Exhibition Visit
# Thursday, September 26, 2013

### Hall I

#### Teaching Course 54: Novel treatments in Neurology

**Chairpersons:** M.M. Mehndiratta, *India*  
C. Diener, *Germany*

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<th>Time</th>
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| 09:00 | **RECENT TREATMENT STRATEGIES IN STROKE**  
C. Diener, *Germany*                                    |
| 09:45 | **NEWER THERAPEUTIC ADVANCES IN EPILEPSY**  
M.M. Mehndiratta, *India*                            |
| 10:30 | Coffee Break, Poster and Exhibition Visit |

### Hall J

#### Teaching Course 53: Epilepsy, translational research to clinical practice

**Chairpersons:** J. Engel Jr., *USA*  
A. Gil-Nagel, *Spain*

<table>
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<tr>
<th>Time</th>
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| 09:00 | **BIOMARKERS IN EPILEPSY, WHY DO WE NEED THEM, WHAT WILL THEY TELL US, AND WHERE WILL THEY COME FROM?**  
J. Engel Jr., *USA*                                    |
| 09:45 | **IDENTIFICATION OF THE EPILEPTOGENIC ZONE: NEW TECHNIQUES, INCREASED ACCURACY?**  
A. Gil-Nagel, *Spain*                                  |
| 10:30 | Coffee Break, Poster and Exhibition Visit                  |

### Hall K

#### Teaching Course 60: Spinal cord, radiculopathy and peripheral nerve

**Chairpersons:** G.D. Perkin, *UK*  
R. Stark, *Australia*

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<th>Time</th>
<th>Session</th>
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| 09:00 | **SPINAL SYNDROMES WITH WEAKNESS**  
R. Stark, *Australia*                                |
| 09:45 | **RADICULOPATHIES**  
G.D. Perkin, *UK*                                    |
| 10:30 | Coffee Break, Poster and Exhibition Visit |

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Thursday, September 26, 2013

09:00-10:30 Hall L

Teaching Course 55: Entrapment neuropathy: Compression and Entrapment Neuropathies

Chairpersons: C. Bischoff, Germany
              J. Stewart, Canada

09:00  CLINICAL APPROACH TO COMPRESSION AND ENTRAPMENT NEUROPATHY SYNDROMES
       J. Stewart, Canada

09:30  ELECTROPHYSIOLOGICAL APPROACHES TO COMPRESSION AND ENTRAPMENT NEUROPATHIES
       C. Bischoff, Germany

10:00  WHAT’S NEW AND IMPORTANT IN CARPAL TUNNEL SYNDROME, ULNAR NEUROPATHIES AT THE ELBOW, AND PERONEAL NEUROPATHIES?
       C. Bischoff, Germany

10:30  Coffee Break, Poster and Exhibition Visit

09:00-10:30 Hall M

Teaching Course 56: Evoked potentials + magnetic stimulation

Chairpersons: K. Mills, UK
              H. Buchner, Germany

09:00  STANDARDS AND CLINICAL APPLICATIONS OF VISUAL, AUDITORY AND SOMATOSENSORY EVOKED POTENTIALS
       H. Buchner, Germany

09:45  EVOKED POTENTIALS FOR DIAGNOSIS AND AS A MARKER FOR THE EVOLUTION OF MS
       W. Paulus, Germany
Teaching Course 57: Specialized Nurses and patient organizations

Chairpersons: A. Craven, Ireland
H. Zwinkels, The Netherlands

09:00  NURSE EDUCATIONAL PERSPECTIVE: INTERNATIONAL OVERVIEW OF EDUCATION FOR SPECIALIST NURSES IN NEUROLOGICAL DISORDERS
P. van Keeken, The Netherlands

09:45  PERSONAL/PROFESSIONAL PERSPECTIVE: DEVELOPING THE ROLE OF THE ADVANCED NURSE PRACTITIONER
H. Zwinkels, The Netherlands

10:30  Coffee Break, Poster and Exhibition Visit

Teaching Course 58: How to manage the information explosion

Chairpersons: R. Hughes, UK
R. Lisak, USA

09:00  WHAT TO LOOK FOR IN CLINICAL TRIAL REPORTS
L. Kappos, Switzerland

09:45  WHAT TO READ
R. Lisak, USA

10:30  Coffee Break, Poster and Exhibition Visit
Thursday, September 26, 2013

11:00-12:30 Hall A

Sleep

Chairpersons:  M. Grigg-Damberger, USA
               C. Bassetti, Switzerland

11:00  SUDDEN DEATH IN SLEEP SYNDROMES
       NEUROLOGISTS NEED TO KNOW
       M. Grigg-Damberger, USA

11:20  VASCULAR COMPLICATIONS OF SLEEP APNEA
       A. Culebras, USA

11:40  RESTLESS LEGS SYNDROME
       B. Högl, Austria

12:00  NEUROGENIC HYPERSOMNIAS
       Y. Inoue, Japan

11:00-12:30 Hall B

Neurobiology of Amyotrophic Lateral Sclerosis/Motor Neuron Disease and their clinical implications

Chairpersons:  A. Ludolph, Germany
               M. Gourie-Devi, India

11:00  PHENOTYPIC HETEROGENEITY OF ALS
       W. Robberecht, Belgium

11:30  MOTOR NEURON DISEASE IN YOUNG IN INDIA
       M. Gourie-Devi, India

12:00  WHAT CAN WE LEARN FROM KENNEDY’S DISEASE FOR AMYOTROPHIC LATERAL SCLEROSIS /MOTOR NEURON DISEASE
       G. Sobue, Japan
Thursday, September 26, 2013

11:00-12:30 Hall C

Free Papers Session: Late-Breaking Abstracts

Chairpersons: R. Verdugo, Chile
              N.E. Gilhus, Norway

11:00 AUTOANTIBODIES TO NEURONAL ANTIGENS IN CHILDREN WITH NEW ONSET SEIZURES CLASSIFIED ACCORDING TO THE REVISED ILAE CLASSIFICATION
J. Suleiman, S. Wright, D. Gill, A. Vincent, B. Lang, R. Dale, Australia, United Arab Emirates, UK

11:10 SPONTANEOUS INTRACEREBRAL HAEMORRHAGES IN THE POSTERIOR FOSSA: CHARACTERISTICS, PROGNOSTIC FACTORS AND OUTCOME
C. Rossi, H. El Jarkass, H. Hénon, C. Cordonnier, N. Dequatre-Ponchelle, France

11:20 CAN VISION INFLUENCE TRIGEMINAL NOCICEPTION: A STUDY OF THE EFFECT OF VISUAL CORTEX ACTIVATION ON THE NOCICEPTIVE BLINK REFLEX
S.L. Sava, V. de Pasqua, D. Magis, J. Schoenen, Belgium

11:30 TRANSIENT NEUROLOGICAL DEFICIT AS A RARE PRESENTATION OF SPONTANEOUS ICH
C. Rossi, D. Strbian, T. Tatlisumak, C. Cordonnier, France, Finland

11:40 CASE REPORT - VIRAL ENCEPHALITIS COMPLICATED BY CEREBRAL VENOUS SINUS THROMBOSIS
A.E. Ahmed, A.M. Musa, Sudan

11:50 SOCIAL AND MEDICAL DILEMMA OF TREATING L-DOPA INDUCED DYSKINESIA IN PATIENTS SUFFERING FROM THE PINK1 JUVENILE ONSET PARKINSON DISEASE
S.M. El-Sadig, A.E. Ahmed, M.A. Salih, Sudan, Saudi Arabia

12:00 PSYCHIATRIC COMORBIDITY AND SOCIAL ASPECTS IN MEN WITH EPILEPSY - THE NORWEGIAN MOTHER AND CHILD COHORT STUDY.
S.F. Reiter, G. Veiby, M.H. Bjerk, A.K. Daltveit, B.A. Engelsen, N.E. Gilhus, Epilepsy, Norway
Thursday, September 26, 2013

11:00-12:30  Hall D

YouTube neurology

Chairpersons:  T. Lang, Canada
               J. Biller, USA

11:00  MOVEMENT DISORDERS
       T. Lang, Canada

11:20  STROKE AND GENERAL NEUROLOGY
       J. Biller, USA

11:40  PEDIATRIC NEUROLOGY
       M. Patterson, USA

12:00  WIGGLY EYES: SPOT THAT OSCILLATION
       R.J. Leigh, USA
Thursday, September 26, 2013

11:00-12:30 Hall F

Free Papers Session 42: Vertigo

Chairpersons: S.-K. Jeong, Republic of Korea
M. Freedman, Canada

11:00 AIR- AND BONE-CONDUCTED CERVICAL AND OCULAR VESTIBULAR-EVOKED MYOGENIC POTENTIALS IN PATIENTS WITH SUPERIOR VESTIBULAR NEURITIS

11:10 ELECTRICAL VESTIBULAR STIMULATION AFTER VESTIBULAR DEAFFERENTATION AND IN VESTIBULAR SCHWANNOMA
S.T. Aw, G.E. Aw, M.J. Todd, G.M. Halmagyi, Australia

11:20 HEAD-SHAKING AIDS IN DIAGNOSIS OF ACUTE AUDIOVESTIBULAR LOSS DUE TO ANTERIOR INFERIOR CEREBELLAR ARTERY INFARCTION
Y.E. Huh, J.-W. Koo, H. Lee, J.-S. Kim, Republic of Korea

11:30 CLINICO-PATHOLOGICAL CORRELATES IN CEREBELLAR ATAXIA WITH NEURONOPATHY AND VESTIBULAR AREFLEXIA SYNDROME (CANVAS)

11:40 ICTAL CHARACTERISTICS OF COMMON VESTIBULAR DISORDERS
M.S. Welgampola, C. Lechner, H. Mac Dougall, C. Todd, M. Halmagyi, Australia

11:50 FREQUENCY AND CLINICAL PRESENTATION OF DIZZINESS IN NEUROLOGICAL EMERGENCY DEPARTMENT
S. Naseem, A. Mike, Hungary

12:00 MODELLING OF MISMATCH NEGATIVITY INDICATES AGE RELATED IMPAIRMENT OF CORTICAL DYNAMICS IN FRONTAL REGIONS
G.K. Cooray, M.I. Garrido, L. Hyllienmark, T. Brismar, Sweden, Australia
Free Papers Session 43: Miscellaneous

Chairpersons: D. Truong, USA
               M. Ozturk, Turkey

11:00 THALAMIC LESIONS PROFILE BY MRI AS PREDICTORS FOR OUTCOME IN CASES OF ACUTE DISSEMINATED ENCEPHALOMYELITIS
I. Shoukry, M. Yousry, H.A. Ghaffar, H. Moharam, Egypt

11:10 CONTRIBUTION OF MAJOR AMYOTROPHIC LATERAL SCLEROSIS RELATED GENES TO THE ETIOLOGY OF THE DISEASE IN CHINESE
Z.-Y. Zou, X.-G. Li, M.-S. Liu, L.-Y. Cui, China

11:20 INCIDENCE AND MECHANISMS OF TRAUMATIC BRAIN INJURY AND THE RELATIONSHIP WITH PSYCHOLOGICAL HEALTH AMONG ONTARIO ADOLESCENTS
G. Ilie, M. Cusimano, A. Boak, R. Mann, E. Adlaf, M. Asbridge, J. Rehm, Canada

11:30 VALSALVA MANEUVER SHOWS PROLONGED SYMPATHETIC OUTFLOW IN PATIENTS WITH A HISTORY OF MILD TRAUMATIC BRAIN INJURY
M.J. Hilz, J. Koehn, F. Ammon, J. Marcus, S. Flanagan, P. De Fina, R. Baltadzhieva, S. Schwab, S. Moeller, Germany, USA

11:40 NEURO-BEHÇET’S DISEASE: REPORT OF 51 PATIENTS
A. Bourazz, E.J. Abdelhafid, J. Oumerzouk, Y. Hsaini, Morocco
Free Papers Session 44: Miscellaneous

Chairpersons: Franz Fazekas, Austria
              A.I. Fumagalli, Argentina

11:00  CHANGES IN DEMENTIA DIAGNOSTIC CATEGORY AND DIAGNOSTIC CONFIDENCE AFTER DATSCAN™ IMAGING IN SUBJECTS WITH POSSIBLE DEMENTIA WITH LEWY BODIES
       A. Padovani, F. Inglis, M. Rainer, A. Lladó, R. Ehret, R. Ceravolo, E. Moreno, G. Amer Ferrer, Z. Walker, DaTSCAN DLB Study Group, Italy, UK, Austria, Spain, Germany

11:10  GENOME-WIDE ANALYSIS REVEALS GENES ASSOCIATED WITH STRUCTURAL CHANGES IN THE HUMAN BRAIN
       S. Soheili-Nezhad, H. Ganjgahi, J. Mahmood, M. Zarei, The Alzheimers Disease Neuroimaging Initiative Group, Iran, UK

11:20  EFFECTS OF AGING ON SUPRASPINAL MOTOR CONTROL OF ANKLE MOVEMENTS
       P. Linortner, M. Jehna, H. Johansen-Berg, P.M. Matthews, R. Schmidt, F. Fazekas, C. Enzinger, Austria, UK

11:30  THE “DORMANT POTENTIAL” OF THE NON-DOMINANT HEMISPHERE: INTEREMISPHERIC ASYMMETRY OF CORTICAL PLASTICITY
       A. Scalise, V. Russo, A. Fontana, I. Pittaro-Cadore, S. Simeoni, G.L. Gigli, Italy

11:40  AVICENNA’S DESCRIPTION OF WILLIS CIRCLE
       A. Zargaran, A. Karimi, S.A. Ahmadi, A. Borhani-Haghighi, Iran

11:50  NEURO EXPRESSIONISM: CONTRIBUTIONS AT THE BEGINNING OF THE 20TH CENTURY
       A.I. Fumagalli, Argentina

12:00  WALTER DEWITT SHELDEN: THE FATHER OF NEUROLOGY AT THE MAYO CLINIC
       C.J. Boes, W. Shelden, L. von Frankl-Hochwart, E. von Neusser, USA
Thursday, September 26, 2013

11:00-12:30  Hall I

Teaching Course 54: Novel treatments in Neurology (cont.)

Chairpersons:  M.M. Mehndiratta, India
                C. Diener, Germany

11:00  NEWER DEVELOPMENTS IN MANAGEMENT OF MULTIPLE SCLEROSIS AND OTHER NEOUROINFLAMMATORY
       T. Berger, Austria

11:45  WHAT IS NEW ON THE TREATMENT FRONT OF VERTIGO AND DIZZINESS?
       M. Strupp, Germany

11:00-12:30  Hall J

Teaching Course 53: Epilepsy, translational research to clinical practice (cont.)

Chairpersons:  J. Engel Jr., USA
                A. Gil-Nagel, Spain

11:00  MECHANISMS OF ACTION OF ANTIPILEPTIC DRUGS - SHOULD WE TAKE THEM INTO CONSIDERATION TO OPTIMIZE OUTCOME IN ROUTINE CLINICAL PRACTICE?
       E. Perucca, Italy

11:45  GENETIC TESTING IN CLINICAL EPILEPSY PRACTICE
       J. Serratosa, Spain
Thursday, September 26, 2013

11:00-12:30    Hall K

Teaching Course 60: Spinal cord, radiculopathy and peripheral nerve (cont.)
Chairpersons:  R. Stark, Australia
               G.D. Perkin, UK

11:00    VARIANTS OF MND: FLAIL ARM AND LEG
         W. Loescher, Austria

11:45    MANAGEMENT OF PERIPHERAL NEUROPATHIES IN AFRICA
         T. Sonan, Ivory Coast

11:00-12:30    Hall L

Teaching Course 55: Entrapment neuropathy: Compression and Entrapment Neuropathies (cont.)
Chairpersons:  C. Bischoff, Germany
               J. Stewart, Canada

11:00    CONTROVERSIAL COMPRESSION AND ENTRAPMENT NEUROPATHIES
         J. Stewart, Canada

11:30    IMAGING TECHNIQUES IN THE DIAGNOSIS OF COMPRESSION AND ENTRAPMENT NEUROPATHIES
         L. Padua, Italy

11:00-12:30    Hall M

Teaching Course 56: Evoked potentials + magnetic stimulation (cont.)
Chairpersons:  K. Mills, UK
               H. Buchner, Germany

11:00    CLINICAL APPLICATIONS OF TRANSCRANIAL MAGNETIC STIMULATION
         K. Mills, UK

11:45    MODULATION OF CORTICAL EXCITABILITY BY RTMS: CLINICAL APPLICATIONS
         M. Hallett, USA

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Thursday, September 26, 2013

11:00-12:30 Hall N

Teaching Course 57: Specialized Nurses and patient organizations (cont.)

Chairpersons: A. Craven, Ireland  
H. Zwinkels, The Netherlands

11:00 NEUROLOGIST PERSPECTIVE: BENEFITS OF THE SPECIALIST NURSE TO THE MULTI-DISCIPLINARY NEUROLOGY TEAM CASE-STUDY: ROLE OF SPECIALIST NURSE AT GLOSTRUP HEADACHE CENTRE, COPENHAGEN  
R.H. Jensen, Denmark

11:45 PATIENT PERSPECTIVE: THE RELATIONSHIP BETWEEN SPECIALIST NURSES AND PATIENT ORGANISATIONS  
A. Craven, Ireland

11:00-12:30 Hall O

Teaching Course 58: How to manage the information explosion (cont.)

Chairpersons: R. Hughes, UK  
R. Lisak, USA

11:00 COCHRANE SYSTEMATIC REVIEWS: THE BEST EVIDENCE  
R. Hughes, UK

11:45 GUIDELINES: HARNESSING THE EVIDENCE  
M. Leone, Italy

12:45-14:00 Hall A

Tournament of the Minds: Final

Chairpersons: R. Shakir, UK  
A. Vass, Austria  
E. Stoegmann, Austria  
C. Enzinger, Austria  
R. Stark, Australia  
D. Perkin, UK
Thursday, September 26, 2013

14:00-14:30

Closing Ceremony

Chairpersons:

E. Auff, Austria
V. Hachinski, Canada

ANNOUNCEMENT OF WCN 2015, SANTIAGO, CHILE
R. Verdugo, Chile
WCN 2015 President

FAREWELL Addresses

V. Hachinski, WFN President
R. Hughes, EFNS President
E. Auff, WCN 2013 President
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<th>Title</th>
<th>Authors</th>
<th>Country</th>
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<td>1</td>
<td>NITROFURANTOIN-INDUCED LIFE-THREATENING SEIZURES</td>
<td>M. Stuhec, V. Svab</td>
<td>Slovenia</td>
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PHARMACEUTICAL QUALITY OF SEVEN GENERIC LEVODOPA/BENSERAZIDE PRODUCTS COMPARED WITH ORIGINAL MADOPAR®/PROLOPA®

EVOLUTION OF MOVEMENT RELATED CORTICAL POTENTIALS IN EARLY STAGE PARKINSON DISEASE
H. Gümüş, Z. Akpinar, O. Demir, S. İlhan, Turkey
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