# PROGRAM AGENDA | ANNUAL MEETING

## Friday, February 12, 2016

### Morning Workshops

7:30 – 10:30AM  
Available to attendees at no additional cost from your registration fee, but requires registration

**Stereoelectroencephalography (SEEG) Case-based Workshop**  
Session Co-Directors: Giridhar Kalamangalam, MD, Phil, FACNS & Stephan U. Schuele, MD, MPH, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 7:30AM | Introduction & Case I  
         Giridhar Kalamangalam, MD                                              |
| 8:15AM | Case II  
         Stephen Thompson, MD                                                   |
| 8:45AM | Surgical Aspects and Electrode Visualization  
         Nitin Tandon, MD                                                        |
| 9:15AM | Case III  
         Christopher Skidmore, MD                                               |
| 9:45AM | Case IV & Conclusions  
         Stephan U. Schuele, MD, MD, MPH, FACNS                               |

**Electro-Clinical Approach to Epilepsy Surgery in the Setting of Multiple Lesions**  
Session Director: Ahsan Moosa Naduvil Valappil, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 7:30AM | Electroclinical Features of Refractory Epilepsy Due to Multilobar Lesions in Children  
         Elaine Wyllie, MD                                                     |
| 8:00AM | Intra-operative Electrocorticogram in Multilesional Epilepsy- Role and Pitfalls  
         Douglas R. Nordli, MD, FACNS                                           |
| 8:30AM | Multiple Lesions and Refractory Epilepsy: Which is the Epileptogenic Lesion?  
         Ahsan Moosa Naduvil Valappil, MD                                      |

**Electrocortical Functional Mapping: Tips, Techniques and Strategies in Adults and Children**  
Session Co-Directors: David Gloss, MD & Elson Lee So, MD, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Introduction</td>
</tr>
</tbody>
</table>
| 7:40AM | Electrocorticography for Functional Mapping: The Evidence  
         David Gloss, MD                                                       |
| 8:20AM | Electrocortical Functional Mapping: Special Issues in Children  
         Prasanna Jayakar, MD                                                  |
| 8:50AM | Discussion                                                               |
| 9:10AM | Electrocorticography for Functional Mapping: Step-by-Step Strategy  
         Elson Lee So, MD, MD, FACNS                                           |
| 9:40AM | Adult Case Discussion  
         Eva K. Ritzel, MD, MD, FACNS                                          |
| 10:00AM | Pediatric Case Discussion  
         Mirela V. Simon, MD, MSc, FACNS                                      |
| 10:20AM | Discussion - Closing Remarks                                            |

### Exhibit and Poster Hall Open

10:30 — 11:00AM

### Opening General Session

11:00AM — 12:45PM  
Co-Chairs: Devon I. Rubin, MD & Stephan U. Schuele, MD, MPH, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00AM</td>
<td>Welcome</td>
</tr>
</tbody>
</table>
| 11:10AM | Introduction of ACNS President  
         Jonathan C. Edwards, MD, FACNS                                      |
| 11:20AM | Presidential Lecture  
         William O. Tatum, IV, DO, FACNS                                     |
| 12:00PM | Gloor Award Presentation and Lecture  
         “The Possibilities and Perils of Transcranial Brain Stimulation”  
         John Rothwell, MD                                                   |

### Lunch — Visit Exhibits and Poster Tours

12:45 — 2:00PM

### Concurrent Sessions

2:00 — 3:30PM

**Pediatric EEG Patterns and Electroclinical Syndromes, Meanings and Realities in the Modern Era**  
Session Director: Elia Pestana Knight, MD, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 2:00PM | Hypsarrhythmia Classic and Modified Variations: Implications for Current Clinical Practice  
         John Milichap, MD                                                   |
| 2:20PM | CDKL5 disease: Seizure Types and EEG Markers of the Disease  
         Heather Olson, MD                                                   |
| 2:40PM | Migrating Partial Epilepsy of Infancy: Implications for Etiological Diagnosis  
         Elia M. Pestana Knight, MD, FACNS                                   |
| 3:00PM | Panayiotopoulos Syndrome: Expanding the Clinical Spectrum or When Not to Treat!  
         Elaine Wyllie, MD                                                  |
| 3:20PM | Discussion                                                               |

**MEG: Workshop**  
Session Director: Richard C. Burgess, MD, PhD, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 2:00PM | Indications for MEG: What Should the Referring Physician Know About MEG?  
         When and Why to Order a MEG?  
         Robert C. Knowlton, MD, MSPH                                        |
| 2:25PM | MEG Results: What Should the Referring Physician Expect from the MEG Report?  
         How to Ascertain that the Abnormalities Recorded in the MEG Were the Same as Those Recorded in the Requestor’s Office?  
         Richard C. Burgess, MD, PhD, FACNS                                 |
| 2:50PM | How the MEG Results Fit Into the Workup: Multi-Modality Data Concordance, Practical Image Integration  
         Anto Bagic, MD, PhD, FACNS                                          |
| 3:15PM | Discussion                                                               |
Intraoperative Motor Evoked Potentials Beyond the Standard Techniques (Joint ACNS/SBNC Symposium)
Session Director: Paulo Kimaid, MD

2:00PM Transcranial MEP: Single or Double Trains
Aatif M. Husain, MD, FACNS

2:20PM Transcranial MEP: Utility of Recording From Cranial Nerve Innervated Muscles
Paulo Kimaid, MD

2:40PM Spinal MEP or Multipulse Thoracic Pedicle Track Stimulation Utility
Rafael de Castro, MD

3:00PM Direct Cortical Stimulation MEP
Aatif M. Husain, MD, FACNS

3:20PM Discussion

Non-peripheral Findings in ALS: Abnormal Excitability, Central Motor Conduction and Sleep Disorders (Joint ACNS/Mexican Clinical Neurophysiology Society Symposium)
Session Director: Jaime Ramos-Peek, MD

2:00PM Motor Evoked Potentials in ALS Patients
Armando Valdes-Tello, MD

2:25PM Upper Motor Neuron Effects on the EMG of ALS Patients
Jorge Burgos, MD

2:50PM Sleep Breathing Disorders in ALS
Jaime Ramos-Peek, MD

3:15PM Discussion

Coffee Break – Visit Exhibits and Posters
3:30 – 4:00PM

Concurrent Sessions: Special Interest Groups
4:00 – 5:30PM

NIOM
Session Director: Jaime R. Lopez, MD, FACNS
Agenda: TBD

Imaging and Electrophysiology in Neuromuscular Diseases: A Case Based Approach
Session Director:

4:00PM The Many Faces of Conduction Slowing
Suraj Muley, MD

4:20PM Extending the Reach of Clinical Neurophysiology — Seeing What You Feel with Ultrasound
Francis O. Walker, MD, FACNS

4:40PM Approach to Motor Neuron Disease
Mark Ross, MD, FACNS

5:00PM Ultrasound in Neuropathy
Erik Ortega, MD

5:20PM Discussion

Critical Care
Session Co-Directors: Nicholas S. Abend, MD, FACNS & Elizabeth Gerard, MD, FACNS

4:00PM Introduction to the ACNS ICU EEG Consensus Statement
Susan T. Herman, MD, FACNS

4:10PM Adult — Implementation in an Existing University Practice
Jennifer Hopp, MD

4:20PM Adult — Implementation in a Community Hospital
Suzette M. LaRoche, MD, FACNS

4:30PM Adult — Implementation at a Remote Monitoring Site
Stephen Hantus, MD, FACNS

4:40PM Neonatal — Implementation in a Neonatal ICU
Tammy Tsuchido, MD, PhD

4:50PM Pediatric — Implementation in a Pediatric ICU
Nicholas S. Abend, MD, MSCE, FACNS

5:00PM Discussion
## PROGRAM AGENDA | ANNUAL MEETING

### Friday, February 12, 2016

**Intracranial EEG – SEEG**  
**Session Co-Directors:** Stephan U. Schuele, MD, MPH, FACNS & Gregory Worrell, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00PM</td>
<td>Structural Imaging Negative, Functional Imaging Positive TLE</td>
</tr>
<tr>
<td></td>
<td>Elson Lee So, MD, FACNS</td>
</tr>
<tr>
<td>4:20PM</td>
<td>Intraoperative ECOG: What Does it Add?</td>
</tr>
<tr>
<td></td>
<td>Andres Kanner, MD</td>
</tr>
<tr>
<td>4:35PM</td>
<td>Extraoperative Grids: When and Where?</td>
</tr>
<tr>
<td></td>
<td>Stephan U. Schuele, MD, MD, MPH, FACNS</td>
</tr>
<tr>
<td>4:50PM</td>
<td>SEEG: Temporal and Temporal Plus</td>
</tr>
<tr>
<td></td>
<td>Samden Lhatoo, MD</td>
</tr>
<tr>
<td>5:05PM</td>
<td>And Now, What Would You Do? Four Brief Vignettes</td>
</tr>
<tr>
<td></td>
<td>Jay Gavvala, MD</td>
</tr>
</tbody>
</table>

**SIG: Business in CNP**  
**Session Directors:** Yafa Minazad, DO, FACNS  
**Agenda:** TBD

---

**Walking Break**  
5:30 — 5:45PM

---

**Neurophys Bowl**

5:45 — 7:00PM

The annual Neurophys Bowl is an edu-taining event with participating teams battling against one another, testing their knowledge in clinical neurophysiology. If you would like to sign up or register a team, email info@acns.org.

---

**Welcome Reception**  
7:00 — 8:30PM

Complimentary hors d’oeuvres and cash bar will be available to all attendees. Visit exhibits and socialize with your colleagues. This is a great opportunity to network and connect with other meeting attendees!

---

### Saturday, February 13, 2016

**Continental Breakfast — Visit Exhibits and Poster Tours**  
7:00 — 8:00AM

---

**Concurrent Sessions**  
8:00 — 9:30AM

**Montage Matters: Designing EEG Montages for Optimal Localization**  
**Session Director:** Jayant Acharya, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM</td>
<td>Overview: Standard Montages and Principles of Localization</td>
</tr>
<tr>
<td></td>
<td>Jayant Acharya, MD</td>
</tr>
<tr>
<td>8:20AM</td>
<td>Montages for Non-invasive Presurgical Video-EEG Monitoring</td>
</tr>
<tr>
<td></td>
<td>Giridhar Kalraangalam, MD, Phil, FACNS</td>
</tr>
<tr>
<td>8:40AM</td>
<td>Montages for Invasive Presurgical Video-EEG Monitoring</td>
</tr>
<tr>
<td></td>
<td>Juan Bolacio, MD</td>
</tr>
<tr>
<td>9:00AM</td>
<td>Clinical Utility of Specific Montages for Epilepsy Syndromes</td>
</tr>
<tr>
<td></td>
<td>Ekrem Kutluay, MD</td>
</tr>
<tr>
<td>9:20AM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Stand-Alone Home Video: A New Tool for the Diagnosis of Seizures?**  
**Session Director:** Selim Benbadis, MD, FACNS

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM</td>
<td>A Sampler from the Clinic (5-6 videos)</td>
</tr>
<tr>
<td></td>
<td>Meriem Bensalem-Owen, MD, FACNS</td>
</tr>
<tr>
<td>8:45AM</td>
<td>A Sampler from YouTube (5-6 videos)</td>
</tr>
<tr>
<td></td>
<td>Lawrence J. Hirsch, MD, FACNS</td>
</tr>
</tbody>
</table>

**Interpreting Challenging Electrodiagnostic Findings - An Interactive Case-Based Approach**  
**Session Director:** Devon I. Rubin, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM</td>
<td>Challenging NCS and Needle EMG Findings</td>
</tr>
<tr>
<td></td>
<td>Paul E. Barkhaus, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Challenging NCS and Needle EMG Findings</td>
</tr>
<tr>
<td></td>
<td>Elliot Dimberg, MD</td>
</tr>
<tr>
<td>9:00AM</td>
<td>Challenging NCS and Needle EMG Findings</td>
</tr>
<tr>
<td></td>
<td>Devon Rubin, MD</td>
</tr>
</tbody>
</table>

**Sleep and Sudden Death**  
8:00AM  
**Session:** Sleep and Death  
**Hrany Attarian, MD**

---

**Coffee Break — Visit Exhibits and Posters**  
9:30 — 10:30AM
PROGRAM AGENDA | ANNUAL MEETING

Saturday, February 13, 2016

General Session
10:00 — 11:00AM

10:00AM Young Investigator Travel Award Presentation
The top six poster abstracts submitted for the Annual Meeting are awarded travel fellowships. These fellowships are determined based upon the ranking of the applicant’s abstract by the Program Committee.

10:15AM Jasper Award Presentation & Lecture
“My Memories of Dr. Jasper and My View of the Future of Clinical Neurophysiology as a Discipline”
Donald L. Schomer, MD, FACNS

Walking Break
11:00 — 11:15AM

Concurrent Sessions
11:15AM — 12:45PM
New Insights in the Mechanism of Sudden Unexpected Death in Epilepsy
Session Director: James Tao, MD, PhD, FACNS

11:15AM Spreading Depolarization in the Brainstem and SUDEP
Jeffrey Noebles, MD, PhD

11:30AM Cardiac and Autonomic Mechanisms Contributing to SUDEP
Adriana Bermeo Ovalle, MD

11:45AM Electrical Cerebral Shutdown and Central Apnea in the Mechanism of SUDEP
Samden Lhatoo, MD

12:00PM Neurogenic Pulmonary Edema and Hypoxemia Mechanism of SUDEP
Jeffrey Kennedy, MD

12:15PM Postictal EEG Suppression and Impaired Arousal in the Mechanism of SUDEP
James Tao, MD, PhD, FACNS

12:30PM Discussion

The New Landscape of Neurostimulation a Myriad of Choices
Session Director: Dawn Eliasiv, MD, FACNS

11:15AM The Clinical and Neurophysiological Basis of Neurostimulation
Dawn Eliasiv, MD, FACNS

11:35AM Cranial Neurostimulation: Cumulative Evidence Based Experience and Evolving Options
Christopher DeGiorgio, MD

11:55AM Responsive Neurostimulation: Choosing Parameters and Clinical Update
Lawrence J. Hirsch, MD, FACNS

12:15PM Deep Brain Stimulation
Robert S. Fisher, MD, PhD, FACNS

12:35PM Discussion

Can Clinical Neurophysiology Makes Sports Healthier (and Better)?
Session Director: Claus Reinsberger, MD

11:15AM Neurophysiology of Concussion
Jeffrey Kutcher, MD

11:40AM Neurophysiological Assessment of Overuse/Dystonia
Mark Hallett, MD, FACNS

12:05PM Neurophysiology of Soccer: Performance Optimization, Overtraining and More
Claus Reinsberger, MD

12:30PM Discussion

History and Future of Clinical Neurophysiology
Session Director: Ioannis Karakis, MD, MSc

11:15AM History and Future of EEG
Andrew Cole, MD

11:40AM Discussion

11:45AM History and Future of EMG
Ioannis Karakis, MD, MSc

12:10PM Discussion

12:15PM History and Future of IOM
Mirela V. Simon, MD, FACNS

12:40PM Discussion

Lunch — Visit Exhibits and Posters
12:45 — 2:00PM

Concurrent Sessions
2:00 — 3:30PM
Clinical Neurophysiology Trials and Tribulations in Neurocritical Care
Session Co-Directors: Jong Woo Lee, MD, PhD, FACNS & Cecil D. Hahn, MD, MPH, FACNS

2:00PM Introduction
Jong Woo Lee, MD, PhD, FACNS

2:05PM Lessons from TRENdS
Aatif M. Husain, MD, FACNS

2:20PM Finishing NEMO
Ronit Pressler, MD

2:40PM A SAGE-547 Approach to SRSE
Henrikas Vaitkevicius, MD

3:00PM Notes from TELSTAR
Michel J. Van Putten, MD, MSc, PhD

3:20PM Wrap Up
Remote EEG Monitoring: Building a Network
Session Director: Amy Crepeau, MD

2:00PM Increasing Demand for Remote EEG Services: How We Got Here
Amy Crepeau, MD

2:20PM Contract Considerations for Remote EEG Services
Matthew Hoerth, MD
Saturday, February 13, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:40PM</td>
<td>Making it Happen: Technicians and IT</td>
</tr>
<tr>
<td></td>
<td>Susan Agostini, R. EEG T, R. EP T</td>
</tr>
<tr>
<td>3:00PM</td>
<td>Communications and Challenges in Remote EEG Interpretation</td>
</tr>
<tr>
<td></td>
<td>Stephen Hantus, MD, FACNS</td>
</tr>
<tr>
<td>3:20PM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Toxic and Drug Induced Peripheral Neuropathies**  
Session Director: Alessia Nicotra, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00PM</td>
<td>Pathophysiology of Peripheral Neuropathies</td>
</tr>
<tr>
<td></td>
<td>John England, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Evaluation and Management of Drug-induced Peripheral Neuropathies</td>
</tr>
<tr>
<td></td>
<td>Tihomir Ilic, MD</td>
</tr>
<tr>
<td>3:00PM</td>
<td>Drug-induced Peripheral Neuropathy and Other Adverse Effects: The Thalidomide Disaster</td>
</tr>
<tr>
<td></td>
<td>Alessia Nicotra, MD</td>
</tr>
</tbody>
</table>

**REM Sleep Behavior Disorder and REM Sleep without Atonia: Diagnosis and Treatment**  
Session Director: Erik St. Louis, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00PM</td>
<td>REM Sleep Behavior Disorder: Clinical Presentation, Neurological Features, and Treatment</td>
</tr>
<tr>
<td></td>
<td>Michael J. Howell, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>REM Sleep Without Atonia: Scoring Methods, Associations and Clinical Implications</td>
</tr>
<tr>
<td></td>
<td>Erik St. Louis, MD</td>
</tr>
</tbody>
</table>

**Walking Break**  
3:30 — 3:45PM

**Concurrent Sessions: Special Interest Groups**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45PM</td>
<td>The Wisdom and Vision from the ACMEGS Inaugural Decade</td>
</tr>
<tr>
<td></td>
<td>Session Director: Anto Bagic, MD, PhD, FACNS</td>
</tr>
<tr>
<td>3:45PM</td>
<td>Once Upon A Time: Clinical MEG before ACMEGS</td>
</tr>
<tr>
<td></td>
<td>Michael Funke, MD, PhD</td>
</tr>
<tr>
<td>4:15PM</td>
<td>How We Influenced Clinical MEG Field Over the Inaugural Decade</td>
</tr>
<tr>
<td></td>
<td>Anto Bagic, MD, PhD, FACNS</td>
</tr>
<tr>
<td>4:45PM</td>
<td>The Vision of the Future of Clinical MEG and ACMEGS’s Role In It</td>
</tr>
<tr>
<td></td>
<td>Richard C. Burgess, MD, PhD, FACNS</td>
</tr>
</tbody>
</table>

**Non-invasive Methods of Cortical Mapping**  
Session Director: Daniel Orta, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45PM</td>
<td>Use and Limitations of Cortical Mapping</td>
</tr>
<tr>
<td></td>
<td>Mirela V. Simon, MD, MD, MSc, FACNS</td>
</tr>
<tr>
<td>4:15PM</td>
<td>Novel Non-invasive Methods of Cortical Mapping</td>
</tr>
<tr>
<td></td>
<td>Goded Shahaf, MD</td>
</tr>
<tr>
<td>4:45PM</td>
<td>Nanotechnology and Single Unit Recordings</td>
</tr>
<tr>
<td></td>
<td>TBD</td>
</tr>
</tbody>
</table>

**Spanish SIG: The EEG a Great Tool**  
Session Director: Juan Ochoa, MD

Note: This session will be presented in Spanish.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45PM</td>
<td>Uso de conceptos basicos de EEG en la practica clinica</td>
</tr>
<tr>
<td></td>
<td>Luis C. Mayor, MD</td>
</tr>
<tr>
<td>4:05PM</td>
<td>Uso de monitoreo de EEG en cuidado intensivo</td>
</tr>
<tr>
<td></td>
<td>Adriana Bermo-Ovalle, MD</td>
</tr>
<tr>
<td>4:25PM</td>
<td>EEG como herramienta para localizar el foco epileptico</td>
</tr>
<tr>
<td></td>
<td>Juan Ochoa, MD</td>
</tr>
<tr>
<td>4:45PM</td>
<td>Estereo EEG: La ventaja de ver la actividad epileptica en 3D comparado con el registro de superficie cortical</td>
</tr>
<tr>
<td></td>
<td>Juan Bulacio, MD</td>
</tr>
<tr>
<td>5:05PM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Walking Break**  
5:15 – 5:30PM

**General Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30PM</td>
<td>Research Highlights</td>
</tr>
<tr>
<td></td>
<td>Co-Chairs: Lawrence J. Hirsch, MD, FACNS &amp; Jonathan Halford, MD, FACNS</td>
</tr>
</tbody>
</table>

Selected by the session co-chairs, this session will highlight 4-6 of the top submitted poster abstracts at the Annual Meeting. All submitted abstracts may be considered.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:15PM</td>
<td>Schwab Award Presentation &amp; Lecture</td>
</tr>
<tr>
<td></td>
<td>“Livy and the Future of Clinical Neurophysiology”</td>
</tr>
<tr>
<td></td>
<td>Moris Fisher, MD</td>
</tr>
</tbody>
</table>

**Annual Business Meeting**  
7:00 — 7:30PM

All delegates are welcome to attend, but only qualifying ACNS members may vote.
Sunday, February 14, 2016

Continental Breakfast
7:00 – 8:00AM

Concurrent Sessions
8:00 – 9:30AM

Functional Neurosurgery and NIOM – From Spine to Brain
Session Director: Jay Shils, PhD, DABNM, FACNS
8:00 AM  Functional Neurosurgery and NIOM
Jay Shils, PhD, DABNM, FACNS
8:25 AM  Functional Neurosurgery and NIOM
Jeff Ade, MD, PhD, FAAN
8:50 AM  Functional Neurosurgery and NIOM
Mark Stecker, MD, PhD, FACNS
9:15 AM  Interactive Real Life Scenarios

The Future of EMG in the Current Medical Environment
Session Director: Morris Fisher, MD, FACNS
8:00 AM  Current EMG: A Historical Viewpoint
Morris Fisher, MD, FACNS
8:20 AM  EMG: A Future Perspective
Francis O. Walker, MD, FACNS
8:40 AM  EMG: The Present and the Future – A Mayo Clinic Perspective
Devon I. Rubin, MD
9:00 AM  EMG and Private Practice: Going the Way of the Dinosaur?
John Wilson, MD
9:20 AM  Discussion

Multimodal Strategies in Surgical Epilepsy Planning (Estrategias Multimodales en la Planeación de Cirugía de Epilepsia (Joint ACNS/Latin American Chapter of IFCN))
Session Director: Adriana Bermeo-Ovalle, MD
NOTE: This session will be presented in Spanish.
8:00 AM  Use of Semiology and Non-invasive EEG for the Localization of the Epileptogenic Zone: Special Considerations for Children (Uso de Semiológia y EEG No-invasivo en la Localización del Área Epileptogénica: Consideraciones Especiales en Niño’s)
Luis C. Mayor, MD
8:20 AM  Non-invasive Tools for Multimodal Evaluation in Refractory Epilepsy: Nuclear Medicine Studies and MEG (Herramientas no-Invasivas para la Evaluación Diagnóstica Multimodal en Epilepsia Refractaria: Estudios de Medicina Nuclear y MEG)
Elia M. Pestana Knight, MD, FACNS
8:40 AM  How to Plan an Invasive EEG Evaluation and How to Use the Information Acquired (Como Planear una Evaluación Invasiva de EEG y Como Usar la Información Adquirida)
Juan Bulacio, MD
9:00 AM  Update on Outcomes in Epilepsy Surgery (Actualización Sobre los Resultados en Cirugía de Epilepsia)
Andres M. Kanner, MD, FANA
9:20 AM  Discussion

New Frontiers in Electrocorticography
Session Director: Anthony L. Ritaccio, MD
8:00 AM  Decodification of the Brain by Electrocorticography
Anthony L. Ritaccio, MD
8:30 AM  Brain-computer Interfacing Using Electrocorticographic (ECoG) Activity
Aysegul Gunduz, PhD
9:00 AM  Modern Understanding of ECoG-Based Neurophysiology
Gerwin Schalk, PhD

Coffee Break
9:30 – 10:00AM
Sunday, February 14, 2016

Concurrent Sessions
10:00 – 11:30AM

Clinical Neurophysiology of Insular Cortex Epilepsy
Session Director: Dang K. Nguyen, MD, PhD, FRCPC

10:00AM The Structure and Function of the Insula
Olivier Boucher, PhD

10:20AM Video-scalp EEG Investigation of Insular Cortex Epilepsy
Dang K. Nguyen, MD, PhD, FRCPC

10:40AM Value of MEG and EEG-FMRI in the Investigation of Insular Cortex Epilepsy
Younes Zerouali, PhD

11:00AM Invasive EEG Investigations of Insular Interictal and Ictal Abnormalities
Philippe Ryvlin, MD, PhD

11:20AM Discussion

Functional Brain Mapping: Overview and Future Directions
Session Director: Daniela N. Minecan, MD

10:00AM Function Brain Mapping Review: Neurophysiology, Methodologies, Cortical Versus Subcortical
Daniela N. Minecan, MD

10:15AM Functional Brain Mapping: Are Children Different?
Prasanna Jayakar, MD

10:30AM Functional Brain Mapping in Stereo EEG
Patrick Chauvel, MD

10:45AM Intra-Operative Awake Cortical and Subcortical Mapping in Brain Tumor Cases
Matthew Tate, MD, PhD

11:00AM Advances in Neuroengineering: What does the Future Hold for Functional Brain Mapping?
Brian Litt, MD

11:15AM Discussion

What Can We Learn from the Postictal State?
Session Director: Meriem Bensalem-Owen, MD, FACNS

10:00AM Endogenous Mechanisms Resulting in the Postictal Period
Steven Schachter, MD, FACNS

10:20AM EEG Aspects of the Postictal State
Ambica M. Tumkur, MD

10:40AM Clinical Manifestations of the Postictal State
Meriem Bensalem-Owen, MD, FACNS

11:00AM Postictal Autonomic Manifestations and SUDEP
Jeffrey Britton, MD, FACNS

11:20AM Discussion

Adjourn
11:30AM