

The 15th International Epilepsy Colloquium and the Satellite Epilepsy Course September 18-22, 2023

The 15th International Epilepsy Colloquium will be held at Case Western Reserve University, Cleveland, Ohio from September 20th to 22nd. The Colloquium will be immediately preceded by a Satellite Epilepsy Course on September 18th and 19th.

Satellite Epilepsy Course

Monday, September 18, 2023

7:15 AM	Registration and Breakfast
8:00 AM	Introduction <i>Guadalupe Fernandez-Baca Vaca</i>
8:15 AM	Introduction to Voting System <i>Neel Fotedar</i>
8:30 AM	Epilepsy After First Unprovoked Seizure <i>Soheyl Noachtar</i>
9:00 AM	Predictors and Causes of Medically Intractable Epilepsy <i>Stephan Schuele</i>
9:30 AM	Localization of the Epileptogenic Zone <i>Andrew Bleasel</i>
10:00 AM	Coffee and Visit Exhibits
10:30 AM	The Irritative Zone and the Ictal Onset Zone <i>Naiara Garcia Losarcos</i>
11:00 AM	Case Discussions Moderator: <i>Guadalupe Fernandez-Baca Vaca</i> Faculty: <i>Adriana Bermeo, Carlos Mayor</i>
12:00 PM	Lunch and Visit Exhibits
1:00 PM	The Importance of Seizure Semiology for the Management of Epilepsy <i>Felix Rosenow</i>
1:30 PM	Adult Seizure Semiology - Case Discussions Moderator: <i>Stephan Schuele</i> Faculty: <i>Shahram Amina, Neel Fotedar, Laura Vilella</i>
3:00 PM	Coffee and Visit Exhibits

- 3:30 PM Pediatric Seizure Semiology - Case Discussions
 Moderator: *Andrew Bleasel*
 Faculty: *Jun Park, Elia Pestana, Asim Shahid*
- 5:00 PM Structural Imaging in Epilepsy
Beate Diehl
- 5:30 PM The Epileptogenic Lesion - Case Discussions
 Moderator: *Soheyl Noachtar*
 Faculty: *Guadalupe Fernandez Baca Vaca, Luisa Londono*
- 6:00 PM Adjourn

Tuesday, September 19, 2023

- 7:15 AM Registration and Breakfast
- 8:00 AM Rational for Invasive Evaluation
Jorge Gonzalez-Martinez
- 8:30 AM When to Use SEEG vs Subdural Grids
Youssef G. Comair
- 9:00 AM Basics of Invasive EEG Interpretation
Dang Nguyen
- 9:30 AM Coffee and Visit Exhibits
- 10:00 AM Case Discussions
 Moderator: *Dang Nguyen*
 Faculty: *Christoph Baumgartner, Laurence Martineau, Nitin Tandon, Jon Zande*
- 12:00 PM Pre and Post-Implantation Imaging
 Faculty: *Suraj Thyagaraj*
- 12:30 PM Lunch
- 1:00PM *Pharmaceutical Symposium. Live Non-CME Promotional Program.*
EPIDIALEX: An ASM for your patients with Lennox-Gastaut Syndrome
Featured faculty: Stephan Schuele MD. Director, Northwestern Medicine Comprehensive Epilepsy Center
- 6:30PM Welcome dinner at the Cleveland Botanical Garden

15th International Epilepsy Colloquium

Wednesday, September 20, 2023

- 7:00 AM Registration and Breakfast
- 7:45 AM Welcome and Introduction
Guadalupe Fernandez-Baca Vaca
- 8:00 AM Introduction to the Voting System
Neel Fotedar
- 8:15 AM Hypermotor Seizures and the Role of Central Pattern Generators: An Ethological Approach
*Distinguished Epileptologist Lecture: **Carlo Alberto Tassinari***
- SESSION 1 Moderators: *Andrew Bleasel, Carlo Alberto Tassinari***
- 9:00 AM Four Dimensional Classification of Epilepsies
Hans Lüders
- 9:25 AM The Epileptogenic Zone and Network - Advantages, Disadvantages
Philippe Ryvlin
- 9:50 AM Coffee Break and Visit Exhibits and Posters
- SESSION 2 Moderators: *Patrick Chauvel, Hans O Lüders***
- 10:20 AM **Debate** - Epileptogenic Zone or Network - The Neurosurgeon's Perspective
Illustrative Cases and Case Discussions
10:20 AM Francesco Cardinale
10:40 AM Youssef G Comair
11:00 AM Jorge Gonzalez-Martinez
11:20 AM Nitin Tandon
11:40 AM Michael Staudt
12:00 PM Discussion
- 12:15 PM Lunch
- SESSION 3 Moderators: *John Duncan, Edouard Hirsch***
- 1:15 PM Prediction and Detection of Epileptic Seizures
Tobias Loddenkemper
- SESSION 4 Moderators: *Jorge Gonzalez-Martinez, Philippe Ryvlin***
Debate: The Symptomatogenic Zone
- 1:40 PM Symptomatogenic Zone Definition and Significance in Surgical Decision-making
Andrew Bleasel

2:05 PM Symptomatogenic Network Definition and Significance in Surgical Decision-Making
Patrick Chauvel

2:30 PM Direct Cortical Stimulation Parameters and its Role in Epilepsy Surgery
Philippe Kahane

2:55 PM Discussion

3:05 PM Unknown Semiology Case 1 and Discussion
Philippe Kahane

3:30 PM Coffee Break and Visit Exhibits and Posters

SESSION 5 Moderators: *Philippe Kahane, Felix Rosenow*

4:00 PM Introduction to Neuroinformatics - Current and Future Applications in the Field of Epilepsy
Satya Sahoo

4:25 PM Probabilistic Landscape of Seizure Semiology Localizing Values - Method, Visualization, and Applications
Ali Alim-Marvasti, John Duncan

5:10 PM Unknown Semiology Case 2 and Discussion
Luisa Londono

5:35 PM Influence of Etiology on Epilepsy Surgery Outcome
Lara Jehi

6:00 PM Adjourn

6:30 PM ***SKLife Science. Live Non-CME Promotional Dinner Program.
XCOPRI FROM THE START***
Featured Faculty: Michael Smith, MD. Director, Rush Epilepsy Center

Thursday, September 21, 2023

7:15 AM Registration and Breakfast

8:00 AM **Debate: Translational Epilepsy and Future Therapies**

Moderators: *Soheyl Noachtar and Felix Rosenow*

Speaker: *Konrad J Werhahn*

SESSION 6 Moderators: Stefano Francione, Konrad J Werhahn

8:40 AM Abdominal Aura and Emetic Seizure

Christoph Baumgartner

9:05 AM Psychic Aura

Jon Zande

9:30 AM Somatosensory Auras

Felix Rosenow

9:55 AM Unknown Semiology Case 3 and Discussion

Shahram Amina

10:20 AM Coffee Break and Visit Exhibits and Posters

SESSION 7 Moderators: Prakash Kotagal, Jan Remi

10:45 AM Auditory Aura

Dang Nguyen

11:10 AM Vestibular Aura

Soheyl Noachtar

11:35 AM Visual Aura

Susanne Knake

12:00 PM Unknown Semiology Case 4 and Discussion

Asim Shahid

12:25 PM Unknown Semiology Case 5 and Discussion

Roohi Katyal

12:50 PM Lunch

SESSION 8 Moderators: Carlos Mayor, Dang Nguyen

1:50 PM Ictal Heart Rate Changes

Stephen Schuele

2:15 PM Ictal Central Apnea

Laura Vilella

2:40 PM Sialorrheic Seizures or Sialorrhea

Edouard Hirsch

3:05 PM Pilomotor Seizure
Naiara Garcia Losarcos

3:30 PM Unknown Semiology Case 6 and Discussion
Laurence Martineau

3:55 PM Coffee Break and Visit Exhibits and Posters

SESSION 9 Moderators: *Sandor Beniczky, Stephan Schuele*

4:20 PM Dialectic Seizures and the Importance of Ictal and Postictal Interview
Guadalupe Fernandez-Baca Vaca

4:45 PM Consciousness in Pediatric Seizures
Prakash Kotagal

SESSION 10 Moderators: *Carlo Alberto Tassinari, Philippe Kahane*

5:10 PM Hypermotor and Emotional Seizures
Lino Nobili

5:35 PM Automotor Seizure
Adriana Bermeo

6:05 PM Adjourn

Friday, September 22, 2023

7:15 AM Registration and Breakfast

SESSION 11 Moderators: *Christoph Baumgartner, Neel Fotedar*

8:00 AM Ictal Semiology in the Pediatric Patients - What is Different?
Alexis Arzimanoglou

8:30 AM Semiology and EEG in Pediatric Epilepsy Surgery Candidates with Early Brain Lesions
Elaine Wyllie

9:00 AM Semiology of Drop Attacks
Andre Palmi

9:30 AM Epileptic Spasms
Jun Park

10:00 AM Bilateral Asymmetric Tonic Seizures
Hans Holthausen

10:30 AM Epileptic or Non-epileptic Tonic Event?
Roohi Katyal

10:55 AM Coffee Break and Visit Exhibits and Posters

SESSION 12 Moderators: *Hans Holthausen, Elaine Wyllie*

11:25 AM Semiology and Polygraphic Study of Myoclonus, Clonic and Tonic Seizures
Mark Hallett, Neel Fotedar

12:10 PM Negative Motor Seizures
Soheyl Noachtar, Jan Remi

12:55 PM Lunch

SESSION 13 Moderators: *Felix Rosenow, Michael Devereaux* Debate: Morbidity and Mortality

1:55 PM Aspects of Semiology Relevant to Morbidity and Mortality
Beate Diehl

2:15 PM Morbidity and Mortality during Generalized Tonic-clonic Seizures Semiology
Akos Szabo

2:40 PM Peri-Ictal Central Apnea and its relationship to SUDEP
Laura Vilella

3:05 PM Discussion

3:10 PM Coffee Break and Visit Exhibits and Posters

SESSION 14 Moderators: *Patrick Chauvel, Hans O Lüders*

3:40 PM Identification of Epilepsy Syndromes Using Machine Learning
Karl Martin Klein

Debate: Seizure Classification and Terminology

4:05 PM Challenges of Seizure Classification Development: How Can We Do Better?
Sandor Beniczky

4:30 PM Summary Voting Results of All Unknown Cases
Neel Fotedar

4:50 PM Discussion

5:10 PM Closing Remarks and Introduction of Frankfurt International Epilepsy
Colloquium 2024
Guadalupe Fernandez-Baca Vaca, Felix Rosenow

5:30 PM Adjourn