

ALADE COURSES

REAL 2

- 09:00 - 10:30** **NEW CLASSIFICATION OF EPILEPTIC SEIZURES AND EPILEPSIES**
Chair
YACUBIÁN, Elza Márcia (Brazil)
- 09:00 – 09:20** **Definitions of Seizures and Epilepsy**
BOGACZ, Alicia (Uruguay)
- 09:20 – 09:40** **New classification of Seizures**
YACUBIÁN, Elza Márcia (Brazil)
- 09:40 – 10:00** **New Classification of Epilepsies**
MORALES-CHACÓN, Lilia (Cuba)
- 10:00 – 10:20** **Interactive session on Classification**
BRAGA, Patricia (Uruguay)
- 10:20 – 10:30** **Questions & Answers**
YACUBIÁN, Elza Márcia (Brazil)
- 11:00 - 12:30** **SEMOIOLOGY AND DISCUSSION OF CASES WITH VIDEOS**
Chair
SCARAMELLI, Alejandro (Uruguay)
- 11:00 – 11:20** **Videos of Focal Seizures I**
KOCHEN, Silvia (Argentina)
- 11:20 – 11:40** **Videos of Focal Seizures II**
ABAD, Patricio (Ecuador)
- 11:40 – 12:00** **Examples of generalized seizures**
PALMINI, André (Brazil)
- 12:00 – 12:20** **Cases of differential diagnosis**
SCARAMELLI, Alejandro (Uruguay)
- 12:20 – 12:30** **Questions & Answers**
SCARAMELLI, Alejandro (Uruguay)

ALADE COURSES

REAL 2

- 13:30 – 15:00** **PRACTICAL ELECTROENCEPHALOGRAPHY**
Chair
LORETO, Ríos (Chile)
- 13:30 – 13:50** **Frequent alterations of the EEG in epilepsy**
CONTRERAS, Guilca (Venezuela)
- 13:50 – 14:10** **EEG in the Intensive Care Unit**
MAYOR, Luis Carlos (Colombia)
- 14:10 – 14:50** **Interactive clinical cases that graph previous topics**
CONTRERAS, Guilca (Venezuela)
MAYOR, Luis Carlos (Colombia)
RÍOS, Loreto (Chile)
- 14:50 – 15:00** **Questions & Answers**
RÍOS, Loreto (Chile)
- 15:30 – 17:00** **RATIONAL USE OF NEW DRUGS**
Chair
CARRIZOSA, Jaime (Colombia)
- 15:30 – 15:55** **Place occupied by new drugs**
CARRIZOSA, Jaime (Colombia)
- 15:55 – 16:20** **Side effects in daily practice**
PERUCCA, Emilio (Italia)
- 16:20 – 16:45** **Clinical vignettes with difficulties and solutions**
THOMSON, Alfredo (Argentina)
- 16:45 – 17:00** **Questions & Answers**
CARRIZOSA, Jaime (Colombia)

IBE DAY

08:30 – 17:30	IBE DAY	REAL 3
	Co-Chairs MESA, Bozzolo José T. LARA, Maier Susana	
8:30 – 9:00	Confronting the stigma of epilepsy in Costa Rica MACAYA HAYEZ, Román (Costa Rica) <i>President of the Costarican Social Security Institute</i>	
	Introduction IBE Day MONTERREY ÁLVAREZ, Priscilla (Costa Rica)	
9:00 – 9:30	International Bureau for Epilepsy BRODIE, Martin (Scotland)	
9:30 – 10:00	Family and social stigma in epilepsy NÚÑEZ OROZCO, Lilia (Mexico)	
10:00 – 10:30	Epilepsy and education MESA LATORRE, Tomas (Chile)	
10:30 – 11:00`	Recommendations for parents and caregivers in the management of limits PESANTEZ, Galo (Ecuador)	
11:00 – 11:30	Impact of physical exercise on the psychosocial aspects of epilepsy ARIDA, Ricardo Mario (Brazil)	
12:30 – 13:00	Risks on epilepsy FABELO, Justo (Cuba)	
13:00 – 13:30	Epilepsy in fertile age, pregnancy and lactation MONTERREY ÁLVAREZ, Priscilla (Costa Rica)	
13:30 – 14:00	Sleep hygiene in epilepsy ESTRADA, Liliana (Costa Rica)	
14:00 – 14:30	Lifestyles in epilepsy CHAVES-SELL, Franz (Costa Rica)	

IBE DAY

REAL 3

- 15:00 – 15:30** **Considerations in medication management**
VARGAS HOWELL, Roberto (Costa Rica)
- 15:30 – 16:00** **Alternative treatments in epilepsy**
BOGACZ, Alicia (Uruguay)
- 16:00 – 16:30** **Mental health for patients and caregivers**
KANNER, Andrés (U.S.A)
- 16:30 – 17:00** **Art and epilepsy**
FÖRSTER, Jorge (Chile)
- 17:00 – 17:30** **Final Remarks**
NÚÑEZ OROZCO, Lilia (Mexico)
MESA LATORRE, Tomas (Chile)

**2ND LATIN-AMERICAN WORKSHOP ON NEUROBIOLOGY OF EPILEPSY
CANNABINOIDS AND EPILEPSY: MYTHS AND REALITIES**

CEDROS

- 09:00 - 09:30** **Introduction to the 2nd Latin-American Workshop On Neurobiology Of Epilepsy**
GARCÍA-CAIRASCO, Norberto (Brazil)
ROCHA ARRIETA, Luisa Lilia (Mexico)
- 09:30 - 10:00** **Role of endocannabinoids in the cerebral function**
CINAR, Resat (U.S.A.)
- 10:00 - 10:30** **The use of synthetic cannabinoids in the control of epilepsy**
ORTIZ José G (PUERTO RICO)
- 10:30 – 11:00** **A simple in vitro model to evaluate the complex effects of Cannabis in epilepsy**
BRENES, Oscar (Costa Rica)
- 11:30 - 12:00** **Canabidiol and analogues as potent anticonvulsant and neuroprotective drugs in genetic, electrical and chemical experimental models of epilepsy**
GARCIA-CAIRASCO, Norberto (Brazil)
- 12:00 - 12:30** **The endocannabinoid system as a novel therapeutic target for the treatment of Fragile X Syndrome**
MALDONADO, Rafael (Spain)
- 12:30 - 13:00** **Effects of Cannabis on neurodevelopment and its implications in epileptogenesis**
OROZCO SUÁREZ, Sandra (Mexico)
- 13:00-13:30** **State of the endocannabinoid system in drug - resistant temporal lobe epilepsy**
ROCHA ARRIETA, Luisa Lilia (Mexico)
- 14:30-15:00** **Modulation of P-glycoprotein function and expression by Cannabis**
LAZAROWSKI, Alberto (Argentina)

**2ND LATIN-AMERICAN WORKSHOP ON NEUROBIOLOGY OF EPILEPSY
CANNABINOIDS AND EPILEPSY: MYTHS AND REALITIES**

CEDROS

- 15:00-15:30** **Computational identification of the best Cannabis derivatives with antiepileptic effects**
BRUNO-BLANCH, Luis (Argentina)
- 15:30-16:00** **What do we have to expect from the chronic administration of cannabinoids in patients with epilepsy?**
MORALES-CHACÓN, Lilia (Cuba)
- 16:00-16:30** **Animal models as a relevant alternative to understand diseases of the nervous system**
FORNAGUERA, Jaime (Costa Rica)
- 16:30-17:00** **Closing remarks**
GARCÍA-CAIRASCO, Norberto (Brazil)
ROCHA ARRIETA, Luisa Lilia (Mexico)

18:30 – 20:00

REAL 2&3

PRESIDENTIAL SYMPOSIUM

THE MANAGEMENT GAP OF EPILEPSY IN LATIN AMERICA

Co-Chairs

CHAVES-SELL, Franz (Costa Rica)

MONTERREY ALVAREZ, Priscilla (Costa Rica)

18:30 – 18:50

Epilepsy and law in Latin America

MESA LATORRE, Tomas (Chile)

18:50 – 19:10

Challenges in Latin America: emphasis on education and research

CARABALLO, Roberto (Argentina)

19:10 – 19:30

Failure of pharmacotherapy in providing seizure freedom

BRODIE, Martin (Scotland)

19:30 – 19:50

The multiple faces of the management gap in epilepsy

WIEBE, Sam (Canada)

19:50 – 20:00

Questions & Answers

CHAVES-SELL, Franz (Costa Rica)

MONTERREY ALVAREZ, Priscilla (Costa Rica)

20:00 – 21:00	WELCOME CEREMONY	REAL 2&3
20:00 – 20:10	Health and Epilepsy in Costa Rica <i>Official Opening by COSTA RICA – Bicentennial Government</i> Minister AMADOR Muñoz Giselle (Costa Rica)	
20:10 – 20:20	Homage “Mauricio Sittenfield” CHAVES-SELL, Franz (Costa Rica)	
20:20 – 20:30	Humble tribute “Natalio Fejerman” CARABALLO, Roberto (Argentina)	
20:30 – 20:40	Welcoming Remarks by the Co-Chairs of the 10th LACE. CHAVES-SELL, Franz (Costa Rica) MEDINA, Marco T (Honduras) MESA LATORRE, Tomas (Chile)	
	Welcome speech by the IBE & ILAE Presidents BRODIE, Martin (Scotland) WIEBE, Sam (Canada)	
20:40 – 21:00	Cultural Performance	
21:00 – 22:00	WELCOME RECEPTION	ARBOLEDAS

The Cultural Performance and the catering for the Welcome Creception was kindly sponsored by ***COSTA RICA – Bicentennial Government*** and ***FUNDAME, Foundation for the Improvement of Neurosciences and advances in care and biosocial research of people with Neurological pathologies.***

08:00 – 09:30

REAL 2&3

NEUROMODULATION

Co-Chairs

CÁCERES, Adrián (Costa Rica)

GENEL, Mario (Mexico)

08:00 – 08:20

Neurobiological Principles of Neuromodulation

CUKIERT, Arthur (Brazil)

08:20 – 08:40

Treatment with Vagus Nerve Stimulation in patients with drug-resistant epilepsy

CARABALLO, Roberto (Argentina)

08:40 – 09:00

Acute cortical stimulation in non-resectable pharmaco-resistant focal epilepsies

JIMÉNEZ, Diego (England)

09:00 – 09:20

Neuromodulation procedures in focal epilepsies

RODRÍGUEZ URANGA, Juan (Spain)

09:20 – 09:30

Questions & Answers

CÁCERES, Adrián (Costa Rica)

GENEL, Mario (Mexico)

08:00 – 09:30

CEDROS

EPILEPSY ON NEUROPSYCHOLOGY

Co-Chairs

LARA MAIER, Susana (Costa Rica)

PESQUEIRA LEAL, Leticia (Mexico)

08:00 – 08:20

Neuropsychology and epilepsy

KANNER, Andrés (U.S.A.)

08:20 – 08:40

Neuropsychological diagnosis in children with epilepsy

VAN ITERSON, Loretta (The Netherlands)

08:40 – 09:00

Psychiatric comorbidity in children with epilepsy

RESÉNDIZ, Juan Carlos (Mexico)

09:00 – 09:20

PET SCAN A memory evaluation in the epilepsy surgery

DINKELACKER, Vera (France)

09:20 – 09:30

Questions & Answers

LARA MAIER, Susana (Costa Rica)

PESQUEIRA LEAL, Leticia (Mexico)

10:00 – 11:30

REAL 2&3

STRATEGIC PLAN FOR EPILEPSY PAHO - ILAE – IBE

Co-Chairs

ACEVEDO, Carlos (Chile)

MEDINA, Marco T. (Honduras)

10:00 – 10:15

Strategic Plan for the Americas: What it is lacking?

ACEVEDO, Carlos (Chile)

10:15 – 10:30

Collaborating Centres for Epilepsy in the Americas and their Contribution

CAYETANO, Claudina (U.S.A.)

10:30 – 10:45

Pilot Plan of Epilepsy in Bolivia

CAMARGO, Mario (Bolivia)

10:45 – 11:00

Strategic Plan of Epilepsies in the global context

WIEBE, Sam (Canada)

11:00 – 11:15

Lessons learned from collaboration between PAHO, ILAE and IBE

MEDINA, Marco T. (Honduras)

11:15 – 11:30

Questions & Answers

ACEVEDO, Carlos (Chile)

MEDINA, Marco T. (Honduras)

11:30 – 12:30

REAL 2&3

PLATFORM SESSION I

- 11:30 – 11:45 **Congenital malformations in children of epileptic mothers with intrauterine exposures to antiepileptic drugs and comparison with a control group. Update from Pinar del Rio Epilepsy Pregnancy Multicenter Registry and Study, experience 1996-2018**
RIOL GONZALEZ, Miguel Alejandro (Cuba)
- 11:45 – 12:00 **Neuroprotective effect of polysaccharides of *Ganoderma sp.* in a model of kainic acid seizure-induced**
NAVARRO, Martha (Mexico)
- 12:00 – 12:15 **Did you get it “right”? Pragmatic language processing in the right hemisphere. A study in temporal lobe epilepsy**
LOMLOMDJIAN, Carolina (Argentina)
- 12:15 – 12:30 **Cortical atrophy in first-degree asymptomatic relatives of non-familial temporal lobe epilepsy patients**
KATSURAYAMA, Marilise (Brazil)

14:30 – 15:30

ROBLES I&II

SCIENTIFIC EXHIBITION AND POSTERS TOURS

13:00 - 14:30	PURSUING A CAREER IN THE FIELD OF EPILEPSY Co-Chairs ORTIZ DE LA ROSA Sebastián (COLOMBIA) NAVARRETE MODESTO Victor (MEXICO)	REAL 2&3
13:00 - 13:20	Moving forward to the next generation of epileptology in Latin America WIEBE Sam (Canadá)	
13:20 - 13:40	Empowering the youngest in the region CARABALLO Roberto (Argentina)	
13:40 - 14:00	Leadership and research in epilepsy: challenges for the youngest researchers MEDINA Marco T (Honduras)	
14:00 - 14:20	YES LATINOAMERICA: An invitation to the Next Generation in Care and Epilepsy research. ORTIZ DE LA ROSA Sebastián (COLOMBIA) NAVARRETE MODESTO Victor (MEXICO)	
14:20 - 14:30	Questions and Answers ORTIZ DE LA ROSA Sebastián (COLOMBIA) NAVARRETE MODESTO Victor (MEXICO)	

16:00 – 17:30

CONNECTIVITY AND COGNITION

Co-Chairs

STOCKES, Henry (Guatemala)

VARGAS HOWELL, Roberto (Costa Rica)

16:00 – 16:20

Network and Epilepsy

GOTMAN, Jean (Canada)

16:20 – 16:40

Epilepsy, connectivity and psychiatric disorders

THOMPSON, Alfredo (Argentina)

16:40 – 17:00

Electrical discharges and dysconnectivity

DINKELACKER, Vera (France)

17:00 – 17:20

Disconnection procedures and their cognitive complications

CUKIERT, Arthur (Brazil)

17:20 – 17:30

Questions & Answers

STOCKES, Henry (Guatemala)

VARGAS HOWELL, Roberto (Costa Rica)

16:00 – 17:30

CEDROS

EPILEPSY IN VULNERABLE GROUPS

Chairs

GONZALEZ, Beatriz (Venezuela)

QUIÑONES PESQUEIRA, Gerardo (Mexico)

16:00 – 16:20

Violence in the person with epilepsy and its psychopathology

NÚÑEZ OROZCO, Lilia (Mexico)

16:20 – 16:40

Epilepsy and cognitive impairment

BOGACZ, Alicia (Uruguay)

16:40 – 17:00

Epilepsy and Women

SCARAMELLI, Alejandro (Uruguay)

17:00 – 17:20

Epilepsy in the Elderly

GENEL, Mario (Mexico)

17:20 – 17:30

Questions & Answers

GONZALEZ, Beatriz (Venezuela)

QUIÑONES PESQUEIRA, Gerardo (Mexico)

17:30 – 19:00

CEDROS

DIFFERENTIAL DIAGNOSES IN EPILEPSY

Co-Chairs

HERNÁNDEZ, Julio (Nicaragua)

SITTENFELD, Oscar Mauricio (Costa Rica)

17:30 – 17:50

Syncope: A diagnostic challenge

SENTIES, Horacio (Mexico)

17:50 – 18:10

Paroxysmal events in non-psychogenic epileptics

RESÉNDIZ, Juan Carlos (Mexico)

18:10 – 18:30

Paroxysmal events in psychogenic epilepsy

KANNER, Andrés (U.S.A.)

18:30 – 18:50

Paroxysmal sleep disorders

ABAD, Patricio (Ecuador)

18:50 – 19:00

Questions & Answers

HERNÁNDEZ, Julio (Nicaragua)

SITTENFELD, Oscar Mauricio (Costa Rica)

17:30 – 19:00

REAL 2&3

EPILEPSY AND NEURO-PEDIATRIC

Co-Chairs

CARREÑO-MORENO, Orlando (Colombia)

MESA, Bozzolo José T.

17:30 – 17:50

"FIRES" Syndrome

CARABALLO, Roberto (Argentina)

17:50 – 18:10

Neonatal epileptic status: new perspectives

CILIO, María (U.S.A.)

18:10 – 18:30

Current Management of Dravet Syndrome

CILIO, María (U.S.A.)

18:30 – 18:50

Epileptic encephalopathy with slow wave, How to treat it?

GALICCHIO, Santiago (Argentina)

18:50 – 19:00

Questions & Answers

CARREÑO-MORENO, Orlando (Colombia)

MESA, Bozzolo José T.

08:00 – 09:30

CEDROS

INFECT CONTAGIOUS DISEASES AND EPILEPSY

Co-Chairs

FISCHBEIN, Gustavo (Argentina)

SOLANO, Ovidio (El Salvador)

08:00 – 08:20

Infect contagious diseases and epilepsy

MEDINA, Marco T. (Honduras)

08:20 – 08:40

Epidemiology of epilepsy related to neurocysticercosis

GARCÍA, Héctor Hugo (Peru)

08:40 – 09:00

What is NCC-related refractory epilepsy, and why?

BURNEO, Jorge G. (Canada)

09:00 – 09:20

Neurological Aspects and Complications from Zyka

MEDINA, Marco T. (Honduras)

09:20 – 09:30

Questions & Answers

FISCHBEIN, Gustavo (Argentina)

SOLANO, Ovidio (El Salvador)

08:00 – 09:30

REAL 2&3

ILAE MEXICAN CHAPTER**EDUCATIONAL SYMPOSIUM: CASE-BASED LEARNING I**

Co-Chairs

GENEL, Mario (Mexico)

QUIÑONES, Gerardo (Mexico)

8:00 – 8:10

Welcome – Guidelines for Discussion of Case Studies I

GENEL, Mario (Mexico)

QUIÑONES, Gerardo (Mexico)

8:10 – 9:20

Case-based learning I

BAULAC, Michel (France)

QUIÑONES, Gerardo (Mexico)

ROGEL, Francisco (Mexico)

SAN JUAN, Daniel (Mexico)

SENTIES, Horacio (Mexico)

9:20 – 9:30

Questions & Answers

Genel, Mario (Mexico)

Quiñones, Gerardo (Mexico)

10:00 – 11:30

REAL 2&3

**ILAE MEXICAN CHAPTER
EDUCATIONAL SYMPOSIUM: CASE-BASED LEARNING II**

Co-Chairs

ALONSO VANEGAS, Mario (Mexico)

GENEL, Mario (Mexico)

10:00 – 10:10

Welcome – Guidelines for Discussion of Case Studies II

ALONSO VANEGAS, Mario (Mexico)

GENEL, Mario (Mexico)

10:10 – 11:10

Case-based learning

ALONSO VANEGAS, Mario (Mexico)

CÁCERES, Adrián (Costa Rica)

CHICHARRO, Ada (Chile)

RESÉNDIZ, Juan Carlos (Mexico)

RODRÍGUEZ URANGA, Juan (Spain)

11:10 – 11:20

Questions & Answers

ALONSO VANEGAS, Mario (Mexico)

GENEL, Mario (Mexico)

11:20 – 11:30

Closing Educative Symposium

GENEL, Mario (Mexico)

10:00 – 11:30

CEDROS

SATELLITE SYMPOSIUM**KETOGENIC DIET FOR TREATMENT OF REFRACTORY EPILEPSY****A new frontier between the metabolism of the Astrocyte and the Neuron**

10:00 – 10:10

Opening

CARABALLO, Roberto (ARGENTINA)

10:10 – 10:40

Therapy with ketogenic diet in refractory epilepsy is worth it. The therapy is cost-effective in developing countries.

FORERO, Edwin (Colombia)

10:40 – 11:20

Action Mechanism of ketogenic therapy in epilepsy and its implications in the clinical practice

CORREA, Luz Norela (Colombia)

11:20 – 11:30

Questions & Answers

11:30 – 12:30

REAL 2&3

PLATFORM SESSION II

11:30 – 11:45

Long-term neuroprotective effects of Honokiol and Magnolol, components of *Magnolia officinalis*, on status epilepticus in the early life

VEGA GARCÍA, Angelica (Mexico)

11:45 – 12:00

Intracisternal administration of amyloid- β peptide disrupts cortico-hippocampal network activity and aggravates lithium/pilocarpine-induced status epilepticus before inducing cognitive impairment

VILLASANA SALAZAR, Benjamín (Mexico)

12:00 – 12:15

Implementation of a Latin American network for the investigation of the genetic landscape of childhood epileptic encephalopathies: report of preliminary results

URQÍA-OSORIO, Hebel (Brazil)

12:15 – 12:30

Impact of social phobia and agoraphobia in the quality of life of patients with epilepsy

OCHOA-URREA, Manuela (Colombia)

13:00 – 14:30

REAL 2&3

USE OF CANNABINOIDS IN THE TREATMENT OF REFRACTORY EPILEPSY. EXPERIENCE IN LATIN AMERICA

Coordinador:

QUIÑONES, Gerardo (Mexico)

RODRÍGUEZ URANGA, Juan (Spain)

13:00 – 13:16

Global approach of Cannabinoids

BURNEO, Jorge G. (Canada)

13:16 – 13:32

General context in Latin America

QUIÑONES, Gerardo (Mexico)

13:32 – 13:48

Cannabinoids from the laboratory to the clinical

ROCHA ARRIETA, Luisa Lilia (Mexico)

13:48 – 14:04

Experience with cannabidiol in Mexico

GARZA, Saul (Mexico)

14:04 – 14:20

Experience with combinations of CBD-THC in Colombia

CARREÑO-MORENO, Orlando (Colombia)

14:20 – 14:30

Questions & Answers

QUIÑONES, Gerardo (Mexico)

RODRÍGUEZ URANGA, Juan (Spain)

*Session supported by an independent educational grant from **HempMeds***

13:00 – 14:30

CEDROS

EVALUATION IN NEUROIMAGEN OF EPILEPTIC FOCUS AND ITS NETWORKS

Co-Chairs

CENDES, Fernando (Brazil)

STOCKES, Henry (Guatemala)

13:00 – 13:20

Magnetic Resonance: Where is the Injury?

CENDES, Fernando (Brazil)

13:20 – 13:40

Source Imaging: non-invasive localization of the epileptogenic region (part 1)

KOBAYASHI, Eliane (Canada)

13:40 – 14:00

Simultaneous EEG-fMRI: non-invasive localization of epileptogenic region (part 2)

FEDERICO, Paolo (Canada)

14:00 – 14:20

Prolonged postictal hypoperfusion: a novel marker of the seizure onset zone

FEDERICO, Paolo (Canada)

14:20 – 14:30

Questions & Answers

CENDES, Fernando (Brazil)

STOCKES, Henry (Guatemala)

14:30 – 15:30

ROBLES I y II

SCIENTIFIC EXHIBITION AND POSTERS TOURS

16:00 – 17:30

REAL 2&3

GENETICS AND EPILEPSY

Co-Chairs

DELGADO ESCUETA, Antonio (U.S.A.)

SERRATOSA, José Ma. (Spain)

16:00 – 16:20

Genetics of epileptic encephalopathies

LOPES-CENDES, Iscia (Brazil)

16:20 – 16:40

Genetics of LAFORA disease

SERRATOSA, José Ma. (Spain)

16:40 – 17:00

Genetics of Childhood Absence Epilepsy

MEDINA, Marco T. (Honduras)

17:00 – 17:20

Juvenile Myoclonic Epilepsy

DELGADO ESCUETA, Antonio (U.S.A.)

17:20 – 17:30

Questions & Answers

DELGADO ESCUETA, Antonio (U.S.A.)

SERRATOSA, José Ma. (Spain)

16:00 – 17:30

CEDROS

NEONATAL EPILEPSY

Co-Chairs

ACEVEDO, Keryma (Chile)

BRIAN, Roberto (Costa Rica)

16:00 – 16:20

New Classification of neonatal crises

GARZA, Saul (Mexico)

16:20 – 16:40

Neonatal Encephalopathies

CARREÑO-MORENO, Orlando (Colombia)

16:40 – 17:00

Monitoring of neonatal seizures: EEG or integrated amplitude?

MESA LATORRE, Tomas (Chile)

17:00 – 17:20

The new use of medicines in neonatal crises

CILIO, Roberta (U.S.A.)

17:20 – 17:30

QUESTIONS & ANSWERS

ACEVEDO, Keryma (Chile)

BRIAN, Roberto (Costa Rica)

17:30 – 19:00

CEDROS

**THE DIAGNOSTIC VALUE OF HIGH-FREQUENCY OSCILLATIONS
IN EPILEPSY**

Co-Chairs

DINKELACKER, Vera (France)

SAN JUAN, Daniel (Mexico)

17:30 – 17:50

A new set of frequencies. Define an HFO

GOTMAN, Jean (Canada)

17:50 – 18:10

Recognition of pathological HFOs

LACHNER PIZA, Daniel (Costa Rica)

18:10 – 18:30

HFOs in the pre-ictal period

ALVARADO ROJAS, Catalina (Colombia)

18:30 – 18:50

HFOs during slow wave sleep

GOTMAN, Jean (Canada)

18:50 – 19:00

Questions & Answers

DINKELACKER, Vera (France)

SAN JUAN, Daniel (Mexico)

17:30 – 19:00

REAL 2&3

**RESULTS OF EPILEPSY SURGERY IN CORTICAL FOCAL
DISPLASIA**

Co-Chairs

CANTILLANO, Cristian (Chile)

CARREÑO-MORENO, Orlando (Colombia)

17:30 – 17:50

Novelties in the diagnosis of focal cortical dysplasia

PALMINI, André (Brazil)

17:50 – 18:10

Surgical strategies for the treatment of focal cortical dysplasia

CAMPOS, Manuel (Chile)

18:10 – 18:30

Results of epilepsy surgery in focal cortical dysplasia

PALMINI, André (Brazil)

18:30 – 18:50

Dual pathology and tumours

CAMPOS, Manuel (Chile)

18:50 – 19:00

Questions & Answers

CANTILLANO, Cristian (Chile)

CARREÑO-MORENO, Orlando (Colombia)

08:00 – 09:30

REAL 2&3

LIFESTYLES IN EPILEPSY

Co-Chairs

CRESPO, Elizabeth (Bolivia)

FÖRSTER, Jorge (Chile)

08:00 – 08:20

Epilepsy, lifestyles and work

WIEBE, Sam (Canada)

08:20 – 08:40

Physical activity in the context of epilepsy

CARRIZOSA, Jaime (Colombia)

08:40 – 09:00

Art and epilepsy

CHAVES-SELL, Franz (Costa Rica)

09:00 – 09:20

Adverse effects of antiepileptic drugs on lifestyle

BRODIE, Martin (Scotland)

09:20 – 09:30

Questions & Answers

CRESPO, Elizabeth (Bolivia)

FÖRSTER, Jorge (Chile)

08:00 – 09:30

CEDROS

PROLONGED EEG MONITORING ROLE IN EPILEPSY SURGERY

Co-Chairs

KOCHEN, Silvia (Argentina)

YACUBIÁN, Elza Márcia (Brazil)

08:00 – 08:20

Prolonged ambulatory EEG role

KOCHEN, Silvia (Argentina)

08:20 – 08:40

Scope and Limitations of the EEG Video Unit

SAN JUAN, Daniel (Mexico)

08:40 – 09:00

Extra-operative invasive EEG monitoring

KOCHEN, Silvia (Argentina)

09:00 – 09:20

Intraoperative EEG monitoring

SAN JUAN, Daniel (Mexico)

09:20 – 09:30

Questions & Answers

KOCHEN, Silvia (Argentina)

YACUBIÁN, Elza Márcia (Brazil)

10:00 – 11:30

CEDROS

EXTRA TEMPORAL SURGERIES

Co-Chairs

CARREÑO-MORENO, Orlando (Colombia)

SAKAMOTO, Americo (Brazil)

10:00 – 10:20

EEG Ictal and Interictal in the pre-surgical evaluation of extratemporal

DE MARINIS, Alejandro (Chile)

10:20 – 10:40

Use of advanced imaging in complex cases of epilepsy surgery

CENDES, Fernando (Brazil)

10:40 – 11:00

Surgical Indication in complex cases of extratemporal epilepsy

CHICHARRO, Ada (Chile)

11:00 – 11:20

Options and techniques of extra temporal surgery

SAKAMOTO, Americo (Brazil)

11:20 – 11:30

Questions & Answers

CARREÑO-MORENO, Orlando (Colombia)

SAKAMOTO, Americo (Brazil)

10:00 – 11:30

REAL 2&3

TREATMENT OF EPILEPTIC STATUS

Co-Chairs

CAMARGO, Mario (Bolivia)

MORALES-CHACÓN, Lilia (Cuba)

10:00 – 10:20

Evolution of the status epilepticus concept and its implications

WIEBE, Sam (Canada)

10:20 – 10:40

Non-Convulsive status epilepticus

VARGAS HOWELL, Roberto (Costa Rica)

10:40 – 11:00

Convulsive status epilepticus

YACUBIÁN, Elza Márcia (Brazil)

11:00 – 11:20

Ketogenic diet in the treatment of epileptic status

CARABALLO, Roberto (Argentina)

11:20 – 11:30

Questions & Answers

CAMARGO, Mario (Bolivia)

MORALES-CHACÓN, Lilia (Cuba)

11:30 – 13:00

CEDROS

CHANGING LANDSCAPE IN EPILEPSY SURGERY

Co-Chairs

FANDIÑO, Franky Jaime (Colombia)

SANCHEZ, Esteban (Nicaragua)

11:30 – 11:50

New trends to select the surgical patient

RODRÍGUEZ URANGA, Juan (Spain)

11:50 – 12:10

Lesion-targeted epilepsy surgery

ALONSO VANEGAS, Mario (Mexico)

12:10 – 12:30

Foundations for the use of old and new technologies in the pre surgical workup

CANTILLANO, Cristian (Chile)

12:30 – 12:50

Supplemental motor area surgeries

ALONSO VANEGAS, Mario (Mexico)

12:50 – 13:00

Questions & Answers

FANDIÑO, Franky Jaime (Colombia)

SANCHEZ, Esteban (Nicaragua)

11:30 – 13:00

REAL 2&3

CLASSIFICATION OF THE EPILEPSIES

Co-Chairs

ACEVEDO, Carlos (Chile)

MEDINA, Marco T (Honduras)

11:30 – 11:50

Neurophysiology of epilepsies

DE MARINIS, Alejandro (Chile)

11:50 – 12:10

Current Classification of Epilepsies

CHAVES-SELL, Franz (Costa Rica)

12:10 – 12:30

How should we classify genetic epilepsies?

SERRATOSA, José Ma. (Spain)

12:30 – 12:50

Classification of myoclonic epilepsies

DELGADO ESCUETA, Antonio (U.S.A.)

12:50 – 13:00

Questions & Answers

ACEVEDO, Carlos (Chile)

MEDINA, Marco T (Honduras)

13:00 – 14:30

REAL 2&3

PHARMACOLOGICAL ADVANCES IN EPILEPSY

Co-Chairs

BAULAC, Michel (France)

VARGAS HOWELL, Roberto (Costa Rica)

13:00 – 13:20

Pharmacological management of drug - resistant epilepsy

BRODIE, Martin (Scotland)

13:20 – 13:40

Sultiamo an old-new drug in Epilepsies paediatrics

GALICCHIO, Santiago (Argentina)

13:40 – 14:00

Pharmacogenetics

YACUBIÁN, Elza Márcia (Brazil)

14:00 – 14:20

Tetageronicity in the Register of Convulsing Medications

MONTERREY ÁLVAREZ, Priscilla (Costa Rica)

14:20 – 14:30

Questions & Answers

BAULAC, Michel (France)

VARGAS HOWELL, Roberto (Costa Rica)

13:00 – 16:30**CEDROS****EPILEPSY SURGERY WORKSHOP I & II**

Co-Chairs

ALONSO VANEGAS, Mario (Mexico)

BRAGA, Patricia (Uruguay)

GARCÍA, María del Carmen (Argentina)

13:00 – 13:15**Welcome and Introduction**

BRAGA, Patricia (Uruguay)

GARCÍA, María del Carmen (Argentina)

13:15 – 14:45**PANEL I**

CAMPOS, Manuel (CLC, Chile)

CENDES, Fernando (UNICAMP, Brazil)

PALMINI, André (PUCRS, Brazil)

Agenda - Case Studies**13:15 – 13:45 CASE I****13:45 – 14:15 CASE II****14:15 – 14:45 CASE III****15:00 – 16:30****PANEL II**

ALONSO VANEGAS, Mario (INNN, Mexico)

KOCHEN, Silvia (H. Ramos Mejía, Argentina)

SAKAMOTO, Américo (HCFMRP/USP, Brasil)

Agenda – Case Studies**15:00 – 15:30 CASO IV****15:30 – 16:00 CASO V****16:00 – 16:30 CASO VI**