

Saturday, 07. September 2024*Paediatric Epileptology*

08:00 - 12:00

Meeting Room 1

Half-day Teaching Course: Neonatal EEG boot camp

Ronit Pressler (United Kingdom)

Monika Eisermann (France)

Introduction

08:00 - 08:15

Normal EEG in the neonate

08:15 - 09:05

Alexandre Datta (Switzerland)

Brain injury in term and preterm Infants

09:05 - 09:55

Sushma Goyal (United Kingdom)

EEG in neonatal seizures incl epilepsies

09:55 - 10:45

Ronit Pressler (United Kingdom)

Use of aEEG and qEEG in the NICU

10:45 - 11:35

Cecil Hahn (Canada)

Q&A & Closing

11:35 - 12:00

Clinical Neurophysiology

08:00 - 12:00

Meeting Room 2

Half-day Teaching Course: Let's read EEGs together!

Sándor Beniczky (Denmark)

Introduction

08:00 - 08:15

Background activity and interictal abnormalities (identification & localization)

08:15 - 09:05

Sándor Beniczky (Denmark)

EEG in epilepsy syndromes

09:05 - 09:55

Dana Craiu (Romania)

Normal variants and artifacts

09:55 - 10:45

Fabio Nascimento (United States)

Ictal abnormalities and correlation with semiology

10:45 - 11:35

Margitta Seeck (Switzerland)

Q&A & Closing

11:35 - 12:00

Neuropsychology

08:00 - 12:00

Meeting Room 3

Half-day Teaching Course: Neuropsychology for Neurologists

Sallie Baxendale (United Kingdom)

Introduction

08:00 - 08:15

Introduction to neuropsychological methods

08:15 - 09:05

Sallie Baxendale (United Kingdom)

Practical: Neuropsychological assessment

09:05 - 09:55

Sallie Baxendale (United Kingdom)

Optimising referrals and getting the most from the neuropsychological report

09:55 - 09:55

Sallie Baxendale (United Kingdom)

Applying the results

09:55 - 09:55

Sallie Baxendale (United Kingdom)

Using neuropsychology in the neurology clinic

09:55 - 09:55

Sallie Baxendale (United Kingdom)

Q&A & Closing

09:55 - 10:20

Neuroimaging

08:00 - 17:15

Meeting Room 4

Full-day Teaching Course: Neuroimaging in Epilepsy - what the clinician should know

Anna Elisabetta Vaudano (Italy)

Introduction

08:00 - 08:02

Introduction to neuroimaging in epilepsy

08:02 - 08:20

Anna Elisabetta Vaudano (Italy)

MRI physics, sequence names, and MRI epilepsy protocol

08:20 - 08:40

Stefan Rampp (Germany)

MRI protocol and hints for neonates and infants

08:40 - 09:00

Felice D'Arco (United Kingdom)

Common epileptic pathologies: temporal epilepsy

09:00 - 09:30

Angelo Labate (Italy)

Break

09:30 - 10:00

Common epileptic pathologies: extratemporal lobe epilepsy

10:00 - 10:30

Britta Wandschneider (United Kingdom)

Hands-on session

10:30 - 12:00

Fernando Cendes (Brazil)

Lunch

12:00 - 13:00

MRI-negative epilepsy. What are the next steps?

13:00 - 13:30

Boris Bernhardt (Canada)

Other neuroimaging modalities: PET, SPECT, ASL

13:30 - 14:00

Lorenzo Caciagli (Switzerland)

fMRI (task-based) & EEG-fMRI

14:00 - 14:30

Paolo Federico (Canada)

Break

14:30 - 15:00

Diffusion imaging, presurgical image fusion

15:00 - 15:30

Irene Wang (United States)

Hands-on session

15:30 - 17:00

Anna Elisabetta Vaudano (Italy)

Q&A & Closing

17:00 - 17:15

Paediatric Epileptology

13:00 - 17:00

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Brain injury in term and preterm Infants

14:05 - 14:55

Sushma Goyal (United Kingdom)

EEG in neonatal seizures

14:55 - 15:45

Ronit Pressler (United Kingdom)

EEG in early onset DEEs

15:45 - 16:35

Monika Eisermann (France)

Q&A & Closing

16:35 - 17:00

Clinical Neurophysiology

13:00 - 17:00

Meeting Room 2

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Ictal abnormalities and correlation with semiology

15:45 - 16:35

Margitta Seeck (Switzerland)

Q&A & Closing

16:35 - 17:00

Terminology and Classification

13:00 - 17:00

Meeting Room 3

Half-day Teaching Course: Syndrome Classification

Elaine Wirrell (United States)

Nicola Specchio (Italy)

Introduction

13:00 - 13:20

Introduction to Epilepsy Classification

13:20 - 14:00

Nicola Specchio (Italy)

Elaine Wirrell (United States)

Syndromes with onset in neonates/infants

14:00 - 14:40

Nicola Specchio (Italy)

Syndromes with onset in children

14:40 - 15:20

Elaine Wirrell (United States)

Syndromes with onset at a variable age

15:20 - 16:00

Simona Balestrini (Italy)	
IGEs and GGE syndromes	16:00 - 16:40
Edouard Hirsch (France)	
Q&A & Closing	16:40 - 17:00
<i>Status Epilepticus</i>	
13:00 - 17:00	Meeting Room 5
Half-day Teaching Course: Status Epilepticus	
Eugen Trinka (Austria)	
Aidan Neligan (United Kingdom)	
Introduction	13:00 - 13:20
Definitions and epidemiology of status epilepticus	13:20 - 14:10
Eugen Trinka (Austria)	
Investigation and causes of status epilepticus	14:10 - 15:00
Giada Giovannini (Italy)	
Treatment of early and established status epilepticus	15:00 - 15:50
Aidan Neligan (United Kingdom)	
Treatment of refractory and super-refractory status epilepticus	15:50 - 16:40
Markus Leitinger (Austria)	
Q&A & Closing	16:40 - 17:00
<i>Epilepsy Surgery</i>	
13:00 - 17:00	Meeting Room 6
Half-day Teaching Course: Epilepsy surgery: learn from cases!	
Ivan Rektor (Czech Republic)	
Birgit Frauscher (United States)	
Introduction	13:00 - 13:05
MR negative epilepsy	13:05 - 13:50
Ivan Rektor (Czech Republic)	
Standard resective vs. minimally invasive procedures	13:50 - 14:35
Philippe Ryvlin (Switzerland)	
Important semiological considerations for epilepsy surgery	14:35 - 15:20
Philippe Kahane (France)	
SEEG-informed surgery: do's and don'ts	15:20 - 16:05
Birgit Frauscher (United States)	
Specific pediatric considerations in epilepsy surgery	16:05 - 16:50
Julia Jacobs LeVan (Canada)	
Q&A & Closing	16:50 - 17:00
<i>Genetics</i>	
13:00 - 17:00	Meeting Room 7
Half-day Teaching Course: Implementing epilepsy genetics in clinical practice	
Guido Rubboli (Denmark)	
Ingrid Scheffer (Australia)	
Introduction	13:00 - 13:05

Why and when should I perform genetic testing in my patients? Ingrid Scheffer (Australia)	13:05 - 13:50
Selecting the right genetic test for my patient and how to interpret the results Rikke Møller (Denmark)	13:50 - 14:35
Common variants: the next frontier of genetic testing Karen Oliver (Australia)	14:35 - 15:20
“Precision medicine” in genetic epilepsies: hype or hope? Amy McTague (United Kingdom)	15:20 - 16:05
Implementing genetic testing to transform clinical medicine Andreas Brunklaus (United Kingdom)	16:05 - 16:50
Q&A & Closing	16:50 - 17:00

Drug Therapy

13:00 - 17:10

Half-day Teaching Course: Optimizing Pharmacotherapy in Epilepsy. Which ASM to start with? When to stop?

Torbjörn Tomson (Sweden)

Stéphane Auvin (France)

Introduction	13:00 - 13:05
First ASM for children Stéphane Auvin (France)	13:05 - 13:35
First ASM for adults Anthony Marson (United Kingdom)	13:35 - 14:05
Uptitration and dose optimization Torbjörn Tomson (Sweden)	14:05 - 14:25
Strategy when 1st monotherapy fails: switch or add-on a debate Anthony Marson (United Kingdom) Jacqueline French (United States)	14:25 - 14:55
Which ASM to consider if 1st monotherapy fails Jacqueline French (United States)	14:55 - 15:25
What is the role of the newest ASMs? Michael Sperling (United States)	15:25 - 15:55
Coffee Break	15:55 - 16:25
Stopping ASM treatment in seizure free adults Torbjörn Tomson (Sweden)	16:25 - 16:45
Stopping ASM treatment in seizure free children Stéphane Auvin (France)	16:45 - 17:05
Q&A & Closing	17:05 - 17:10

Neurostimulation

14:30 - 16:00

Da Vinci

Minimal invasive non-medical treatment approaches

Andreas Schulze-Bonhage (Germany)

Petr Marusic (Czech Republic)

Introduction	14:30 - 14:35
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Personalized multichannel transcranial direct current stimulation	14:35 - 14:55
Maeva Daoud (France)	
Epicranial Focal Cortex Stimulation for neuromodulation of the epileptic focus	14:55 - 15:15
Andreas Schulze-Bonhage (Germany)	
The spectrum of applications of LITT in the treatment of focal epilepsy	15:15 - 15:35
Rodrigo Rocamora (Spain)	
Thalamic stimulation for the treatment of epilepsy	15:35 - 15:55
Ido Strauss (Israel)	
Q&A & Closing	15:55 - 16:00
<i>Basic Science</i>	
14:30 - 16:00	Michelangelo
Neurobiology Symposium: Integrating genomics, neurophysiology and precision medicine	
David Henshall (Ireland)	
Aristea Galanopoulou (United States)	
Introduction	14:30 - 14:35
The future of ASM use: Integrating genomics, neurophysiology and precision medicine	14:35 - 14:55
Raman Sankar (United States)	
Mechanisms, targets and therapies in Na⁺ and Ca²⁺ channel-related epileptic disorders	14:55 - 15:15
Holger Lerche (Germany)	
How are functional studies guiding our choice of antiseizure medication for GABA-related disorders?	15:15 - 15:35
Rikke Møller (Denmark)	
Integrating pharmacology, electrophysiology, in vitro and in vivo models for KCNQ2-related epileptic disorders	15:35 - 15:55
Sarah Weckhuysen (Belgium)	
Q&A & Closing	15:55 - 16:00
<i>Epilepsy Surgery</i>	
14:30 - 16:00	Caravaggio
Surgery for Hypothalamic Hamartoma: which technique?	
Michele Rizzi (Italy)	
Mar Carreño (Spain)	
Introduction	14:30 - 14:35
Radiosurgery	14:35 - 14:55
Constantin Tuleasca (Switzerland)	
Radiofrequency Thermocoagulation and Laser Interstitial Thermal therapy	14:55 - 15:15
Santiago Candela-Canto (Spain)	
Endoscopic Disconnection	15:15 - 15:35
Alessandro De Benedictis (Italy)	
Development of Standardized Management Guidelines: epilepsy surgery and beyond	15:35 - 15:55
Luca de Palma (Italy)	

Q&A & Closing		15:55 - 16:00
<i>Psychiatry</i>		
14:30 - 16:00		Bernini
Breakthrough research in functional/dissociative seizures: Clinical, biological and therapeutic advances		
Coraline Hingray (France) Ruta Mameniskiė (Lithuania)		
Introduction		14:30 - 14:35
Introduction: Why change the terminology of Psychogenic non epileptic seizures to Functional/Dissociatives seizures		14:35 - 14:55
Coraline Hingray (France)		
Clinical developments in Functional/Dissociatives seizures		14:55 - 15:15
Chrisma Pretorius (South Africa)		
Neurobiological advances Functional/Dissociatives seizures		15:15 - 15:35
Irene Faiman (United Kingdom)		
Therapeutic implications in Functional/Dissociatives seizures		15:35 - 15:55
W Curt LaFrance, Jr. (United States)		
Q&A & Closing		15:55 - 16:00
<i>Neuropsychology</i>		
14:30 - 16:00		Raphael
Neuropsychology and epilepsy in developing brain		
Simona Cappelletti (Italy) Mary Lou Smith (Canada)		
Introduction		14:30 - 14:35
Paediatric neuropsychology issues in complex epilepsy		14:35 - 14:55
Mary Lou Smith (Canada)		
The assessment of severely impaired patients in rare epilepsy syndrome		14:55 - 15:15
Anna Lopez Sala (Spain)		
Cognitive outcome of preschool children after epilepsy surgery		15:15 - 15:35
Cinzia Correale (Italy)		
Psychoeducational and psychological supports for children with epilepsy: what is the evidence?		15:35 - 15:55
Colin Reilly (Sweden)		
Q&A & Closing		15:55 - 16:00
<i>Break</i>		
16:00 - 16:30		Exhibition Hall
Break, poster viewing, visit exhibition		
<i>Industry</i>		
16:30 - 18:00		Caravaggio
Satellite Symposium		

Other

16:30 - 18:00

Bernini

Ettore Beghi in Memoriam

Alla Guekht (Russian Federation)

J Helen Cross (United Kingdom)

Introduction

16:30 - 16:40

In memoriam

16:40 - 16:55

Meir Bialer (Israel)

Emilio Perucca (Australia)

The epidemiology of epilepsy in older adults

16:55 - 17:10

Gunter Kramer (Germany)

Acute symptomatic seizures

17:10 - 17:25

Samuel Wiebe (Canada)

SUDEP

17:25 - 17:40

Torbjörn Tomson (Sweden)

Neuropsychiatry comorbidities in epilepsy

17:40 - 17:55

Massimiliano Beghi (Italy)

Closing

17:55 - 18:00

Other

18:00 - 19:30

La Nuvola - Auditorium

Welcome Ceremony**Introduction**

18:00 - 18:05

ILAE President

18:05 - 18:10

J Helen Cross (United Kingdom)

Welcome - Congress co-chair

18:10 - 18:20

Nicola Specchio (Italy)

Welcome - Congress co-chair

18:20 - 18:30

Matthew Walker (United Kingdom)

The history of european epileptology - Congress Honorary President

18:30 - 18:50

Federico Vigevano (Italy)

ILAE Europe Award Presentations

18:50 - 19:05

Banda dell'Arma dei Carabinieri

19:05 - 19:25

Closing

19:25 - 19:25

Sunday, 08. September 2024*Paediatric Epileptology*

08:00 - 09:30

La Nuvola - Auditorium

Developmental and epileptic encephalopathies

Introduction	08:00 - 08:05
Setting the scene Alexis Arzimanoglou (Spain)	08:05 - 08:25
The definition of DEEs and how to think about them Ingrid Scheffer (Australia)	08:25 - 08:45
Optimising management J Helen Cross (United Kingdom)	08:45 - 09:05
Neuropsychiatric comorbidities Federico Vigevano (Italy)	09:05 - 09:25
Q&A & Closing	09:25 - 09:30

Other

08:00 - 09:30

Da Vinci

EEC Forum - 15 years of stereotactic Laser Thermoablation (sLTA) for mesial temporal lobe epilepsy (MTLE) - from the pros and cons to the future

Friedhelm C. Schmitt (Germany)

Introduction of discussion and case: 18 Year old with left sided non-lesional, PET-positive, VEM-confirmed, non-lesional mesial temporal lobe epilepsy Friedhelm C. Schmitt (Germany)	08:00 - 08:05
Adult MTLE: seizure outcome in sL-TA and resection - current data Felix Rosenow (Germany)	08:05 - 08:15
Paediatric MTLE: seizure outcome in sL-TA and resection - current data Irfan Ali (United States)	08:15 - 08:25
Adult MTLE: Long term neuropsychological data - sLTA Daniel L. Drane (United States)	08:25 - 08:35
Paediatric MTLE: Long term neuropsychological data - resection Georgia Ramantani (Switzerland)	08:35 - 08:45
TED: Discussion case vote	08:45 - 08:47
Case - pro stereotactic L-TA Ido Strauss (Israel)	08:47 - 08:57
Case - pro resection Konstantinos N. Fountas (Greece)	08:57 - 09:07
TED: Discussion case vote	09:07 - 09:09
Discussion with audience - "Summary and mutual Clinical recommendations" Karl Rössler (Austria)	09:09 - 09:28
TED: Clinical Recommendations	09:28 - 09:30

Basic Science

08:00 - 09:30

Michelangelo

EEC Forum - Translational research approaches for better understanding autoimmune-associated epilepsy

Francesca Colciaghi (Italy)

Introduction	08:00 - 08:05
The immunopathogenesis of immune-associated seizures Bryan Ceronie (United Kingdom)	08:05 - 08:20
Antibody induced seizure susceptibility and impaired cognitive performance in a passive transfer rat model of autoimmune encephalitis Nihan Çarçak (Turkey)	08:20 - 08:35
Non-invasive biomarkers of autoimmune-inflammatory seizures Laura Librizzi (Italy)	08:35 - 08:50
CNS autoimmune response in a rat model of epileptogenic cortical malformation Francesca Colciaghi (Italy)	08:50 - 09:05
Q&A & Closing	09:05 - 09:15

Adult Epileptology

08:00 - 09:30

Caravaggio

Challenges in diagnosis

Guido Rubboli (Denmark)

Introduction	08:00 - 08:06
Myoclonus and myoclonic seizures Guido Rubboli (Denmark)	08:06 - 08:29
Nocturnal events Matthew Walker (United Kingdom)	08:29 - 08:52
Posterior quadrant seizures Laura Tassi (Italy)	08:52 - 09:15
Q&A & Closing	09:15 - 09:30

Industry

08:00 - 09:30

Bernini

Satellite Symposium*Clinical Neurophysiology*

08:00 - 09:30

Meeting Room 3

Advanced EEG: source imaging Part 1

Sándor Beniczky (Denmark)

Introduction	08:00 - 08:10
Basic biophysical principles of EEG source imaging Sándor Beniczky (Denmark)	08:10 - 08:30
Interictal EEG source imaging Stefan Rampp (Germany)	08:30 - 08:50
Ictal EEG source imaging Pieter van Mierlo (Belgium)	08:50 - 09:10

Q&A & Closing	09:10 - 09:30
<i>Award Symposia</i> 08:30 - 09:30	Meeting Room 1
Award Symposium: Epilepsia Open Basic & Clinical Science Prize Aristea Galanopoulou (United States)	
Introduction	08:30 - 08:40
Epilepsia Open Clinical Science Prize - Real-world data on cannabidiol treatment of various epilepsy subtypes: A retrospective, multicenter study Fabienne Kuehne (Germany)	08:40 - 09:00
Ictal vocalizations in the <i>Scn1a</i>+/- mouse model of Dravet syndrome Lyndsey Anderson (United States)	09:00 - 09:20
Closing	09:20 - 09:30
<i>Other</i> 09:40 - 11:40	La Nuvola - Auditorium
Malum quo communius eo peius: Cognitive problems in epilepsy Matthew Walker (United Kingdom) Nicola Specchio (Italy)	
Introduction	09:40 - 09:52
Cognitive decline in the developmental and epileptic encephalopathies J Helen Cross (United Kingdom)	09:52 - 10:15
Epilepsy and cognitive decline -two sides of the same coin Terence O'Brien (Australia)	10:15 - 10:38
Interictal activity - a guilty bystander Laurent Sheybani (Switzerland)	10:38 - 11:01
Epilepsy surgery - a double-edged sword Sallie Baxendale (United Kingdom)	11:01 - 11:24
Q&A & Closing	11:24 - 11:40
<i>Break</i> 11:30 - 12:00	Exhibition Hall
Break, poster viewing, visit exhibition	
<i>ILAE YES</i> 11:40 - 12:30	ILAE YES Booth
ILAE YES Brainstorming Session - Gut Brain Axis & Epilepsy Rossella Di Sapia (Italy)	
Introduction	11:40 - 11:45
Gut brain axis and epilepsy Emilio Russo (Italy)	11:45 - 12:20
Q&A & Closing	12:20 - 12:30

Clinical Neurophysiology

12:00 - 13:30

La Nuvola - Auditorium

Platform Session - Clinical Neurophysiology 1

Emilija Cvetkovska (North Macedonia)

Sebastian Ortiz-De la Rosa (Denmark)

Introduction	12:00 - 12:14
Aperiodic EEG connectivity as early diagnostic biomarker for drug-resistant epilepsy Biagio Maria Sancetta (Italy)	12:14 - 12:22
EEG-based tracking of sleep onset and offset in ultra long-term recordings Jonas Duun-Henriksen (Denmark)	12:22 - 12:30
Recording seizures in the real-world with ultra long-term subcutaneous EEG - a 15-month prospective observational study Pedro F. Viana (United Kingdom)	12:30 - 12:38
Advancing mechanistic biomarkers to differentiate infra-clinical paroxysmal discharges from seizures in FCD2 patients Gabriele Arnulfo (Italy)	12:38 - 12:46
Connectivity changes after Stereo-Electroencephalography-Guided Radiofrequency Thermocoagulation are unaffected by the proximity to the coagulation site Justyna Gula (Netherlands)	12:46 - 12:54
Visual symptoms and response to intermittent photic stimulation in patients with Lafora disease compared to EPM1 Laura Canafoglia (Italy)	12:54 - 13:02
Unilateral ultra-long term sub-scalp EEG monitoring in drug-refractory idiopathic generalized epilepsy Tudor Munteanu (Ireland)	13:02 - 13:10
Stereo EEG electrical stimulation in primary and secondary motor areas: analysis of clinical responses in pediatric patients Giulia Nobile (Italy)	13:10 - 13:18
Q&A & Closing	13:18 - 13:30

Comorbidities

12:00 - 13:30

Da Vinci

Platform Session - Comorbidities

Edward Bertram (United States)

Sofia Kasradze (Georgia)

Introduction	12:00 - 12:14
Role of sleep-disordered breathing in adult patients with focal vs generalized epilepsy: an EEG-polysomnographic study Lilit Atabekyan (Armenia)	12:14 - 12:22
Ictal cardiovascular autonomic dysfunction during focal seizures induced by stereotactic direct electrical stimulation Dmitry Zhuravlev (Russian Federation)	12:22 - 12:30
Changes in the QT interval as a SUDEP biomarker? A multicenter case-control study Eva Diab (France)	12:30 - 12:38
Retinal changes in patients with Genetic Generalized Epilepsy Angelo Battiato (Italy)	12:38 - 12:46

Incidence of suicide in epilepsy: A population-based study in Sweden	12:46 - 12:54
Sara Melin (Sweden)	
High psychological distress and mental health support needs in adult outpatients with epilepsy: results from comprehensive digital mental health screening tool	12:54 - 13:02
Andrea Biondi (United Kingdom)	
Sense of agency in patients with functional/dissociative seizures: a virtual reality study	13:02 - 13:10
Anika Kobialka (Germany)	
Q&A & Closing	13:10 - 13:30
<i>Drug Therapy</i> 12:00 - 13:30	Michelangelo
Platform Session - Drug Therapy	
Anthony Marson (United Kingdom)	
Cecilie Johannessen Landmark (Norway)	
Introduction	12:00 - 12:14
NMT.001: epilepsy disease modification and reversal achieved through therapeutic inhibition of microRNA-134 in mice with chronic drug-resistant temporal lobe epilepsy	12:14 - 12:22
Janine T Erler (Denmark)	
Safety and efficacy of a microRNA therapy for naturally-occurring drug-resistant epilepsy in dogs: Interim results of METriC, a canine veterinary clinical trial	12:22 - 12:30
David Henshall (Ireland)	
Efficacy and safety of bexicaserin in adolescent and adult patients with developmental and epileptic encephalopathies: Results of the Phase 1b/2a PACIFIC study	12:30 - 12:38
Randall Kaye (United States)	
Multicenter study to assess the safety, tolerability, pharmacokinetics, and effect on seizure frequency and behavior of individually titrated doses of radiprodil in children with GRIN-related disorders	12:38 - 12:46
Renzo Guerrini (Italy)	
Expression of SV2A in peripheral cells as a predictive marker for levetiracetam treatment response	12:46 - 12:54
Hajo Hamer (Germany)	
From bench to bedside: zebrafish childhood epilepsy F0 models for target validation and high-throughput drug discovery	12:54 - 13:02
Fenfluramine treatment in adults with Dravet syndrome: Experience so far from four UK centres	13:02 - 13:10
Lisa M Clayton (United Kingdom)	
Q&A & Closing	13:10 - 13:30
<i>Genetics</i> 12:00 - 13:30	Caravaggio
Platform Session - Genetics 1	
Norman Delanty (Ireland)	
Francesca Bisulli (Italy)	
Introduction	12:00 - 12:14

Natural history and epileptology of adults with KBG syndrome Allan Bayat (Denmark)	12:14 - 12:22
Gain-of-function and loss-of-function GRIA3 variants lead to distinct neurodevelopmental phenotypes Ilona Krey (Germany)	12:22 - 12:30
Characterisation of 100 individuals with biallelic <i>FRRS1L</i> variants: triad of therapy-resistant epilepsy, profound developmental delay and a generalized choreoathetosis Sarah Weckhuysen (Belgium)	12:30 - 12:38
<i>SCN1A</i> promoter regulation and implications in epilepsy Susanna Pagni (United Kingdom)	12:38 - 12:46
Polygenic background modifies epilepsy phenotype in “monogenic” families Karen Oliver (Australia)	12:46 - 12:54
Genetic contributions to epilepsy and febrile seizure: A study of narrow-sense and single-nucleotide polymorphism (SNP) heritability Janne Auning Hansen (Denmark)	12:54 - 13:02
De novo variants in <i>KCNA3</i> cause developmental and epileptic encephalopathy Johannes Lemke (Germany)	13:02 - 13:10
Q&A & Closing	13:10 - 13:30
<i>Basic Science</i> 12:00 - 13:30	Bernini
Platform Session - Basic Science 1 Cristina Ruedell Reschke (Ireland) Gaia Colasante (Italy)	
Introduction	12:00 - 12:14
MTOR pathway mutations drive chloride co transporters deregulation and GABA depolarization in Focal Cortical Dysplasia IIb Thomas Blauwblomme (France)	12:14 - 12:22
Astroglial calcium signalling and homeostasis in Tuberous Sclerosis Complex Alessia Romagnolo (Netherlands)	12:22 - 12:30
Orexin-A dose-dependently suppresses spike-and-wave discharges in genetic absence epilepsy rats: the role of orexin signaling in absence seizures Elif Tuğçe Erdeve (Turkey)	12:30 - 12:38
T-type modulation increases sensitivity to levetiracetam in a model of drug-resistant temporal lobe epilepsy Pablo Casillas-Espinosa (Australia)	12:38 - 12:46
Bridging Pediatric Epilepsy Surgery with Basic Science: From sEEG to Intracellular Recordings Adriano Cattani (Canada)	12:46 - 12:54
MALDI imaging mass spectrometry: an innovative tool to investigate white matter alterations in human samples from epilepsy surgery Dalia De Santis (Italy)	12:54 - 13:02

The astrocyte potassium channel Kir4.1 influences seizure susceptibility		13:02 - 13:10
Rob C Wykes (United Kingdom)		
Q&A & Closing		13:10 - 13:30
<i>Neuropsychology</i>		
12:00 - 13:30		Raphael
Platform Session - Neuropsychology		
Sallie Baxendale (United Kingdom)		
Simona Cappelletti (Italy)		
Introduction		12:00 - 12:14
Role of nocturnality of seizures in emotional background and quality of life of patients with temporal lobe epilepsy		12:14 - 12:22
Elza Balian (Armenia)		
Amyloid deposition in young adults with drug-resistant temporal lobe epilepsy		12:22 - 12:30
Elena Fonseca (Spain)		
Seizure freedom and antiseizure medication cessation are associated with postoperative improvements in neuropsychological functioning in children with drug-resistant focal epilepsy		12:30 - 12:38
Maria Helena Eriksson (United Kingdom)		
Epileptic Networks and Cognitive Profiles: A data-driven Stereo-EEG approach to the Localization of Neuropsychological Deficit		12:38 - 12:46
Parveen Sagar (Australia)		
Prognostic value of stereo-EEG cortical stimulation induced language deficits on language outcomes following radiofrequency thermocoagulation		12:46 - 12:54
Terence O'Brien (Australia)		
Cognitive function in children and adolescents with psychogenic, non-epileptic seizures		12:54 - 13:02
Siv Bækkelund (Norway)		
Exploring Cognitive Neural Mechanisms Using Intracranial Event-Related Potentials (ERPs) in Epilepsy Patients		13:02 - 13:10
Inbal Maidan (Israel)		
Q&A & Closing		13:10 - 13:30
<i>Other</i>		
12:00 - 13:30		Meeting Room 1
Mini EEC Forum - The clinical perspective of the two-way-relationship of aging and epilepsy		
Hermann Stefan (Germany)		
Introduction		12:00 - 12:03
Prevention		12:03 - 12:15
Simona Lattanzi (Italy)		
Biomarkers		12:15 - 12:27
Hrvoje Hecimovic (Croatia)		
Functional imaging		12:27 - 12:39
Matthias J. Koepp (United Kingdom)		
TLE		12:39 - 12:51

	Christoph Helmstaedter (Germany)	
	Hyperexcitability in AD	12:51 - 13:03
	Benjamin Cretin (France)	
	ASM	13:03 - 13:15
	Hermann Stefan (Germany)	
	Surgery	13:15 - 13:27
	Friedhelm C. Schmitt (Germany)	
	Q&A & Closing	13:27 - 13:30
<i>Epilepsy Surgery</i>		
12:00 - 13:30		Meeting Room 2
Mini EEC Forum - Epilepsy surgery: Did we forget the children? Cognitive assessment in children		
Annette Holth Skogan (Norway)		
	Introduction	12:00 - 12:16
	Awake surgery with neuropsychological monitoring: From the neurosurgeons' point of view	12:16 - 12:34
	Jugoslav Ivanovic (Norway)	
	Neuropsychological monitoring during awake surgery: Methodological issues	12:34 - 12:52
	Signe Delin Moldrup (Denmark)	
	Cognitive assessment in epilepsy surgery with adults and children: Where do the differences lie?	12:52 - 13:10
	Lisa Evju Hauger (Norway)	
	Q&A & Closing	13:10 - 13:30
<i>Nursing</i>		
12:30 - 13:30		Concourse
ILAE Nursing Section: Engagement activity & Italian Nurses shares their epilepsy nursing experience		
	Engagement activity - Italian Nurses shares their epilepsy nursing experience	12:30 - 13:30
	Costanza Calabrese (Italy)	
<i>Other</i>		
13:30 - 14:00		Forum
Poster Tour (S7) - Social Issues/Nursing		
Bruna Nucera (Italy)		
P472	Historical roots of stigma of epilepsy: A review of the classic Iranian literature	13:30 - 13:33
	Mohsen Farjoud Kouhanjani (Iran)	
P489	Social support and the burden of physical and psychiatric comorbidities in the patients with late-onset epilepsy in China: A cross-sectional study	13:33 - 13:36
	Jinmei Li (China)	
P473	Analyze the psychosocial challenges faced by people with epilepsy and their coping mechanisms	13:36 - 13:39
	Yun Jin Kim (Malaysia)	
P475	Assessing the performance of ChatGPT's responses to questions related to epilepsy: a cross-sectional study on natural language processing and medical information retrieval	13:39 - 13:42

	Jae Wook Cho (Korea, Republic of)	
P481	Exploring seizure education on TikTok: A comprehensive cross-sectional study Mina Stojković (Serbia)	13:42 - 13:45
P486	An epileptology transition model for continuity of care Francesca Ferraro (Italy)	13:45 - 13:48
P487	Transition procedure for youth with epilepsy: the experience of the Epilepsy Department of IRCCS Istituto Neurologico Carlo Besta in 110 patients Francesca Ragona (Italy)	13:48 - 13:51
P490	Appropriateness of Prescribed Anti-Seizure Medication for Inclusion Health Patients attending addiction services in Dublin Hannah Lucey (Ireland)	13:51 - 13:54
<i>Other</i>		
13:30 - 14:00		Forum
Poster Tour (S5) - Neuropsychology		
Cinzia Correale (Italy)		
P685	Verbal memory outcomes after temporal lobe resection in pediatric epilepsy Freya Prentice (United Kingdom)	13:30 - 13:33
P686	Attentional Stability in Childhood Absence Epilepsy: Neuropsychological and Electrophysiological Evaluation Edgar Matringe (France)	13:33 - 13:36
P690	Predictors of Poor Post-operative Cognitive Outcomes in Adult Temporal Lobe Epilepsy: the 'Red Flags' Initiative Isha Puntambekar (United Kingdom)	13:36 - 13:39
P691	The need to control for educational attainment before concluding mental decline from cross-sectional data in chronic epilepsy Juri-Alexander Witt (Germany)	13:39 - 13:42
P692	Adaptive behavior, autism risk and internalized/externalized behavior in KCNB1 encephalopathy Delphine Breuillard (France)	13:42 - 13:45
P696	Echoes of Disparity: Interplay of Socio-Economic Deprivation and Verbal Measures in the UK Shivani Sharma (United Kingdom)	13:45 - 13:48
P697	Neuropsychological and psychiatric profile of individuals with juvenile myoclonic epilepsy Lucas Rainer (Austria)	13:48 - 13:51
P700	Tele-neuropsychological assessment (TeleNP) in childhood epilepsy Chiara Falamesca (Italy)	13:51 - 13:54
<i>Break</i>		
13:30 - 15:00		Exhibition Hall
Break, poster viewing, visit exhibition		
<i>Industry</i>		
13:45 - 15:00		Michelangelo
Satellite Symposium		

ILAE YES

13:45 - 14:15

ILAE YES Booth

ILAE YES Career Development Session - "Ask me anything" with ILAE Europe Chair

Luca de Palma (Italy)

Introduction

13:45 - 13:50

"Ask Me Anything" with ILAE Europe Chair

13:50 - 14:10

Matthew Walker (United Kingdom)

Closing

14:10 - 14:15

Other

14:00 - 14:30

Forum

Poster Tour (S1) - Basic Science

Rossella Di Sapia (Italy)

P084

Detrimental effects of anticholinergic therapy in an *ATP1A3*-mutation mouse model of sudden unexpected death in epilepsy

14:00 - 14:03

Mohamad A. Mikati (United States)

P085

Altered expression of potassium channels and gap junctions in type IIb focal cortical dysplasia: A compromised spatial buffering

14:03 - 14:06

Laura Rossini (Italy)

P086

Incomplete resection of the icEEG seizure onset zone is not associated with post-surgical outcomes

14:06 - 14:09

Sarah Gascoigne (United Kingdom)

P089

Towards Novel Therapies for *KCNT1*-Associated Epileptic Encephalopathy

14:09 - 14:12

Timuçin Baş (Germany)

P090

Astrocyte GABA release as a new mechanism of generation epileptiform activity in mouse entorhinal cortex *in vitro*

14:12 - 14:15

Paolo Scalmani (Italy)

P095

A high-density EEG study on seizure onset and seizure propagation in the pilocarpine model of temporal lobe epilepsy

14:15 - 14:18

Giulia Curia (Italy)

P097

Quantifying Circadian Disruption in Epilepsy via Normative Modelling of Wearable Heart Rate Timeseries

14:18 - 14:21

Billy Christopher Smith (United Kingdom)

P112

Myelin role in extracellular K⁺ buffering and its alteration as a promoting factor for hyperexcitability in the isolated guinea-pig brain

14:21 - 14:24

Gaia Bruno (Italy)

Other

14:00 - 14:30

Forum

Poster Tour (S3) - Epilepsy in Older People/Epilepsy Surgery

Ruba Al-Ramadhani (United States)

Fedele Dono (Italy)

P449

Point Prevalence of Epilepsy in Dementia: a "Real World" Estimate

14:00 - 14:03

Antonella Muroi (Italy)

P450

Keeping Busy in Older Age: Having a Lot to Do is Important for Memory Performance in Older Adults with Focal Epilepsy

14:03 - 14:06

Jonas Tovatt-Larsson (Sweden)

P451	Clustering brain morphometry and cerebrospinal biomarkers in late-onset temporal lobe epilepsy and mild cognitive impairment Alice Ballerini (Italy)	14:06 - 14:09
P446	Comparing cognitive performance and self-reported memory problems in older persons with focal epilepsy to older persons with objective or subjective cognitive impairment Anna Miley Åkerstedt (Sweden)	14:09 - 14:12
P502	The role of preoperative MET PET in defining tumor-related epilepsy and predicting short-term postoperative seizure control in temporal lobe lower grade gliomas: a preliminary study Beatrice Claudia Bono (Italy)	14:12 - 14:15
P512	Temporal trends in hippocampal sclerosis surgery: an observational study from a tertiary epilepsy centre Paola Vassallo (United Kingdom)	14:15 - 14:18
P531	Intracranial EEG outcomes for people who don't proceed to epilepsy surgery Amrita Gupta (United Kingdom)	14:18 - 14:21
P567	Detection of somatic and germline pathogenic variants in epileptogenic lesions Lorenzo Ferri (Italy)	14:21 - 14:24
<i>Other</i>		
14:00 - 14:30		Forum
Poster Tour (S4) - Genetics		
Eugenia Roza (Romania)		
Marietta Papadopoulou (France)		
P729	Epilepsy in NALCN/UNC80- related disorders Paloma Parra-Díaz (Spain)	14:00 - 14:03
P731	Natural history of individuals with GNAO1-related disorders: dysknetic crisis as the primary cause of mortality Jana Domínguez-Carral (Spain)	14:03 - 14:06
P742	The epilepsy phenotype of COL4A1/2-related disease Simone Gasparini (Italy)	14:06 - 14:09
P743	Genetic epilepsies and developmental epileptic encephalopathies with onset in the first 3 years of life: A multicenter retrospective Italian study Giulia Pisanò (Italy)	14:09 - 14:12
P746	Spanish child cohort of SLC6A1-related neurodevelopmental disorder. Treatment with glyceryl phenylbutyrate M. Asunción Díaz-Gómez (Spain)	14:12 - 14:15
P750	Efficacy of sodium channel blockers (SCB) received before 1 month of age in KCNQ2-related neonatal epilepsies: a study of the IMPROVE cohort Mathieu Milh (France)	14:15 - 14:18
P754	Neonatal developmental and epileptic encephalopathy with movement disorders and arthrogryposis (NDEEMA) - novel common phenotype across brain-expressed sodium channelopathies Sopio Gverdsiteli (Denmark)	14:18 - 14:21
P759	ESCO-Natural History Study: A Multistakeholder Approach to Clinical Trial Readiness in STXBP1-Related Disorders Ganna Balagura (Italy)	14:21 - 14:24

Other

14:30 - 15:00

Forum

Poster Tour (S2) - Clinical Neurophysiology/Drug Therapy

Ayşe Deniz Elmalı (Turkey)

Marietta Papadopoulou (France)

P154	A retrospective study reviewing timing to onset of habitual psychogenic non-epileptic seizures in a home-video telemetry cohort Jade Cooper (United Kingdom)	14:30 - 14:33
P162	Nonconvulsive status epilepticus in comatose older adults: clinical and initial EEG Gloria Tedrus (Brazil)	14:33 - 14:36
P164	Focal electroclinical features in generalized tonic-clonic seizures: Decision flowchart for a diagnostic challenge Maria Vlachou (Denmark)	14:36 - 14:39
P172	Intra-auricular EEG has adequate spatial coverage for the long-term monitoring of temporal lobe epilepsy Maja Kopytek-Beuzen (Poland)	14:39 - 14:42
P228	The adaptation of the Desirability of Outcome Ranking (DOOR) for use in interventional clinical trials in epilepsy: A novel consumer-led outcome measure Lucy Vivash (Australia)	14:42 - 14:45
P250	A randomized controlled trial to evaluate the effect of adjunctive melatonin in patients with generalized epilepsy Rituparna Maiti (India)	14:45 - 14:48
P281	Long-term, Quality of Life in Epilepsy Inventory-31 (QOLIE-31) Improvements in Adults With Focal Onset Seizures Treated With XEN1101 in an Ongoing, Open-Label Extension of a Phase 2b study (X-TOLE) Christian Brandt (Germany)	14:48 - 14:51
P306	Serum concentrations of lacosamide in Japanese epilepsy patients: the influence of age, comedication, and CYP2C19 polymorphism Yoshiaki Yamamoto (Japan)	14:51 - 14:54

Other

14:30 - 15:00

Forum

Poster Tour (S6) - Paediatric Epileptology

Eugenia Roza (Romania)

Katharina Moser (Switzerland)

P788	24-month analysis of BUTTERFLY: A prospective, observational study to investigate seizures and comorbidities in children and adolescents with Dravet Syndrome (DS) Joseph Sullivan (United States)	14:30 - 14:33
P817	Clinical characterization and precision medicine approach in potassium-channel epilepsies: a case series Ilaria Filareto (Italy)	14:33 - 14:36
P825	Pediatric-onset epilepsy and movement disorders with genetic etiology: a series of 97 cases Davide Caputo (Italy)	14:36 - 14:39
P831	Intermittent clobazam therapy(0.75mg/kg) and febrile seizures recurrence in children aged 6months to 6 years- A Double-blind Randomized control trial Biswaroop Chakrabarty (India)	14:39 - 14:42

P843	Infantile epileptic spasms syndrome: when spasms come out of the blue Marta Conti (Italy)	14:42 - 14:45
P850	Increasing complexity of the presurgical work-up in childhood epilepsy : overrepresentation of left-hemispheric focal epilepsy Vera Dinkelacker (France)	14:45 - 14:48
P862	An experimentally driven network pharmacology approach in zebrafish identifies potential treatments for Dravet syndrome Amber Van Aelten (Belgium)	14:48 - 14:51
P871	Late-onset Lennox Gastaut Syndrome. Retrospective cases serie Victor Soto Insuga (Spain)	14:51 - 14:54

Epilepsy Surgery

15:00 - 16:30

La Nuvola - Auditorium

Artificial intelligence and epilepsy

Stéphane Auvin (France)

Britta Wandschneider (United Kingdom)

Introduction	15:00 - 15:05
Overview on the use of artificial intelligence in epilepsy Stéphane Auvin (France)	15:05 - 15:25
Principles of machine learning: examples in the epilepsy field Wesley Kerr (United States)	15:25 - 15:45
Identification of focal cortical dysplasia on MRI by AI Sophie Adler (United Kingdom)	15:45 - 16:05
Identification of the epileptogenic zone on MRI by AI Stefano Meletti (Italy)	16:05 - 16:25
Q&A & Closing	16:25 - 16:30

Neuroimaging

15:00 - 16:30

Da Vinci

Computational neuroimaging in epilepsy: from algorithms to bedside

Domenico Tortora (Italy)

Anna Elisabetta Vaudano (Italy)

Introduction	15:00 - 15:05
Multimodal Image Integration for presurgical planning Irene Wang (United States)	15:05 - 15:25
Multimodal imaging and SEEG for epileptogenic network delineation Maxime Guye (France)	15:25 - 15:45
Open access pipelines for multimodal data fusion, brain connectomics, and presurgical diagnostics in epilepsy patients Boris Bernhardt (Canada)	15:45 - 16:05
Multimodal imaging integration: met and unmet needs in clinical setting Çiğdem Özkara (Turkey)	16:05 - 16:25
Q&A & Closing	16:25 - 16:30

Status Epilepticus

15:00 - 16:30

Michelangelo

Ictal-Interictal Continuum (IIC): Ictal or Interictal?

Giorgi Kuchukhidze (Austria)

Markus Leitinger (Austria)

Introduction

15:00 - 15:05

Is it clinically recognizable?

15:05 - 15:25

Gaetano Cantalupo (Italy)

EEG challenges

15:25 - 15:45

Fabio Nascimento (United States)

The role of neuroimaging

15:45 - 16:05

Pilar Bosque Varela (Austria)

How aggressively should we treat it?

16:05 - 16:25

Nicolas Gaspard (Belgium)

Q&A & Closing

16:25 - 16:30

Adult Epileptology

15:00 - 16:30

Caravaggio

The impact of lamotrigine and topiramate in the past 30 years, and their new derivatives

Simon Shorvon (United Kingdom)

Meir Bialer (Israel)

Introduction

15:00 - 15:05

The story of lamotrigine and topiramate in epilepsy

15:05 - 15:25

Simon Shorvon (United Kingdom)

How lamotrigine and topiramate affected the development of new antiseizure

15:25 - 15:45

Meir Bialer (Israel)

The current role of lamotrigine and topiramate in epilepsy treatment

15:45 - 16:05

Reetta Kalviainen (Finland)

Drug development based on similar mechanisms of action.

16:05 - 16:25

Wolfgang Loeschner (Germany)

Q&A & Closing

16:25 - 16:30

Epilepsy in Older People

15:00 - 16:30

Bernini

Late onset epilepsy - a public health imperative

Eugen Trinkla (Austria)

Hermann Stefan (Germany)

Introduction

15:00 - 15:05

Pathogenesis of epilepsy in the elderly - The "Bermuda Triangle" between Dementia, Depression and Sleep Disorder

15:05 - 15:25

Arjune Sen (United Kingdom)

Diagnostic challenges in the new onset epilepsy in the elderly

15:25 - 15:45

Taoufik Alsaadi (United Arab Emirates)

Antiseizure Medicines for epilepsy in the elderly - Between Scylla and Charybdis

15:45 - 16:05

Eugen Trinkla (Austria)	
Can we predict and prevent epilepsy in the elderly?	16:05 - 16:25
Simona Lattanzi (Italy)	
Q&A & Closing	16:25 - 16:30
<i>Other</i>	
15:00 - 16:30	Raphael
ERN EpiCARE and clinical trials in children with rare and complex epilepsies	
Katarzyna Kotulska-Jóźwiak (Poland)	
Valentina De Giorgis (Italy)	
Introduction	15:00 - 15:05
A critical review of the recent European Medicines Agency Guidelines	15:05 - 15:25
Emilio Perucca (Australia)	
Towards designs adapted to primary endpoints, better reflecting the needs	15:25 - 15:45
Floor Jansen (Netherlands)	
The added value of the European Consortium for Epilepsy Trials (ECET)	15:45 - 16:05
Alexis Arzimanoglou (Spain)	
Trials for repurposed drugs and precision medicine - how, when and by whom?	16:05 - 16:25
Lieven Lagae (Belgium)	
Q&A & Closing	16:25 - 16:30
<i>Nursing</i>	
15:00 - 16:30	Meeting Room 1
Mini EEC Forum - Health care needs of women with epilepsy in Europe	
Tolu Olaniyan (United Kingdom)	
Introduction	15:00 - 15:15
An overview of the needs of women with epilepsy	15:15 - 15:30
Ludivine Rohrer (France)	
Care pathway for women with epilepsy & pregnancy	15:30 - 15:45
Annette Hospes (Netherlands)	
Jeske Nelissen (Netherlands)	
Seizures that go BUMP!	15:45 - 16:00
Sinead Murphy (Ireland)	
Maintaining a sturdy skeleton across the lifespan	16:00 - 16:15
Sandra Dewar (United States)	
Q&A & Closing	16:15 - 16:30
<i>Other</i>	
15:00 - 16:30	Meeting Room 2
Mini EEC Forum - Seizures in Autoimmune Encephalitis: synergy between preclinical and clinical biomarkers	
Sara Matricardi (Italy)	
Marianna Spatola (Spain)	
Introduction	15:00 - 15:15

Peripheral biomarkers role in autoimmune encephalitis with seizures	15:15 - 15:35
Laura Librizzi (Italy)	
Experimental models and the epileptogenic role of antibodies in autoimmune encephalitis	15:35 - 15:55
Marianna Spatola (Spain)	
From acute symptomatic seizures to autoimmune encephalitis-associated epilepsy	15:55 - 16:15
Sara Matricardi (Italy)	
Q&A & Closing	16:15 - 16:30
<i>ILAE YES</i>	
16:30 - 17:00	ILAE YES Booth
ILAE YES Career Development Session - Interview	
Pedro F. Viana (United Kingdom)	
Introduction	16:30 - 16:40
Interview	16:40 - 16:55
Katja Kobow (Germany)	
Closing	16:55 - 17:00
<i>Neurotechnology</i>	
16:30 - 17:30	Concourse
ILAE Neurotechnology: Data sharing and privacy	
Multidisciplinary data sharing- what can we learn from Human Brain Project?	16:30 - 17:00
Philippe Ryvlin (Switzerland)	
Sharing genetic data - challenges and solutions for sharing complex data	17:00 - 17:30
Johannes Lemke (Germany)	
<i>Break</i>	
16:30 - 17:00	Exhibition Hall
Break, poster viewing, visit exhibition	
<i>Industry</i>	
16:45 - 18:15	Michelangelo
Satellite Symposium	

Monday, 09. September 2024*Paediatric Epileptology*

08:00 - 09:30

La Nuvola - Auditorium

Video session: Seizure semiology in neonates and children

Introduction	08:00 - 08:05
Seizure semiology in neonates Ronit Pressler (United Kingdom)	08:05 - 08:30
Seizure semiology in children with generalized epilepsies Nicola Specchio (Italy)	08:30 - 08:55
Focal seizures semiology. Is it the same as in adults? Alexis Arzimanoglou (Spain)	08:55 - 09:20
Q&A & Closing	09:20 - 09:30

Other

08:00 - 09:30

Da Vinci

EEC Forum - AI applications throughout a patient's journey

Eric Van Diessen (Netherlands)

Luca de Palma (Italy)

Introduction	08:00 - 08:15
A practical introduction into AI & prediction Wim Otte (Netherlands)	08:15 - 08:30
Assisting early diagnosis in epilepsy: merits and flaws of language models Eric Van Diessen (Netherlands)	08:30 - 08:45
How NLP can reveal novel clinical insight on complex epilepsies Alina Ivaniuk (United States)	08:45 - 09:00
AI as a new "eye" for difficult to recognize lesions in epilepsy surgery Sophie Adler (United Kingdom)	09:00 - 09:15
Q&A & Closing	09:15 - 09:30

Clinical Neurophysiology

08:00 - 09:30

Michelangelo

VIREPA Basic and Advanced EEG

Introduction	08:00 - 08:05
The EEG fundamentals in epilepsy: Basic Course Elena Gardella (Denmark)	08:05 - 08:45
EEG in the diagnosis & management of epilepsy: Advanced Course Antonio Valentin (United Kingdom)	08:45 - 09:25
Q&A & Closing	09:25 - 09:30

Adult Epileptology

08:00 - 09:30

Caravaggio

The thalamus and the epileptogenic networks

Fabrice Bartolomei (France)

Francesca Pizzo (France)

Introduction

08:00 - 08:05

The cortico-subcortical epileptogenic networks

08:05 - 08:25

What fMRI tell us about cortico-thalamic interactions in focal epilepsies

08:25 - 08:45

Anna Elisabetta Vaudano (Italy)

Neurostimulation in epilepsy: only thalamus worth?

08:45 - 09:05

Mathieu Sprengers (Belgium)

Clinical aspects of thalamic involvement in seizures: insight from SEEG recordings

09:05 - 09:25

Fabrice Bartolomei (France)

Q&A & Closing

09:25 - 09:30

Other

08:00 - 09:30

Bernini

EEC Forum - The interplay between sleep and epilepsy in the advent of ultra long-term EEG monitoring

Pedro F. Viana (United Kingdom)

Introduction

08:00 - 08:15

Sleep and epilepsy: A snapshot of knowledge and future research lines

08:15 - 08:30

Sofia Eriksson (United Kingdom)

An overview of the electrophysiology of epilepsy and sleep

08:30 - 08:45

Birgit Frauscher (United States)

Ultra long-term EEG monitoring systems

08:45 - 09:00

Pedro F. Viana (United Kingdom)

The Ultra long-term sleep study

09:00 - 09:15

Jonas Duun-Henriksen (Denmark)

Q&A & Closing

09:15 - 09:30

Industry

08:00 - 09:30

Raphael

Satellite Symposium*Clinical Neurophysiology*

08:00 - 09:30

Meeting Room 3

Advanced EEG: source imaging Part 2

Sándor Beniczky (Denmark)

Introduction

08:00 - 08:06

Source imaging cases

08:06 - 08:32

Sándor Beniczky (Denmark)

Source imaging cases

08:32 - 08:58

Stefan Rampp (Germany)

Q&A & Closing	08:58 - 09:04
<i>Award Symposia</i> 08:30 - 09:30	Meeting Room 1
Award Symposium: Epilepsia Prizes - Clinical & Basic Science Michael Sperling (United States)	
Introduction	08:30 - 08:40
Epilepsia Prize for Basic Science - Dysfunctional sodium channel kinetics as a novel epilepsy mechanism in chromosome 15q11-q13 duplication syndrome Marwa Elamin (United States)	08:40 - 09:00
Epilepsia Prize for Clinical Research - Automated, machine learning-based alerts increase epilepsy surgery referrals: A randomized controlled trial Benjamin Wissel (United States)	09:00 - 09:20
Closing	09:20 - 09:30
<i>Paediatric Epileptology</i> 09:40 - 11:40	La Nuvola - Auditorium
New roads to improve outcome (and to lead to Rome) Nicola Specchio (Italy) J Helen Cross (United Kingdom)	
Introduction	09:40 - 09:50
Refining the mechanisms of epileptogenesis in DEEs: which come first, is D or E first? Nicola Specchio (Italy)	09:50 - 10:10
Younger is better in epilepsy surgery Kees Braun (Netherlands)	10:10 - 10:30
Tackling beyond seizure: moving from Anti-seizure medications to Disease modifying medications Stéphane Auvin (France)	10:30 - 10:50
Is big data the answer we are looking for next generation sequencing analysis	10:50 - 11:10
Prevention, prediction, improvement: is the road still long? Rima Nabbout (France)	11:10 - 11:30
Q&A & Closing	11:30 - 11:40
<i>Epilepsy Surgery</i> 09:40 - 11:40	Da Vinci
Hemispheric Surgery - The role of the surgical technique on seizure outcome Christian Dorfer (Austria) Marec von Lehe (Germany)	
Introduction	09:40 - 09:50
Hemispherotomy - indication and outcome Martha Feucht (Austria)	09:50 - 10:15
Lateral and vertical parasagittal hemispherotomy Christian Dorfer (Austria)	10:15 - 10:40

	Comparison of effectiveness lateral versus vertical	10:40 - 11:05
	Aria Fallah (United States)	
	What are the predictors of outcome in hemispherotomy	11:05 - 11:30
	Georgia Ramantani (Switzerland)	
	Q&A & Closing	11:30 - 11:40
<i>Genetics</i>		
10:00 - 11:30		Raphael
	EEC Forum - A global perspective of genetic testing in the epilepsies - does one size fits all?	
	Andreas Brunklaus (United Kingdom)	
	Sopio Gverdtsiteli (Denmark)	
	Introduction	10:00 - 10:05
	Genetic testing in the epilepsies: opportunities and challenges	10:05 - 10:20
	Andreas Brunklaus (United Kingdom)	
	Clinical state-of-the art view - “Who to test and how - case examples with quiz”	10:20 - 10:35
	Sarah Weckhuysen (Belgium)	
	The global reality of genetic testing - “Challenges across different healthcare settings”	10:35 - 10:50
	Chahnez Charfi Triki (Tunisia)	
	The genetic laboratory perspective - “How can the medical research and industry sectors support improved global genetic testing efforts”	10:50 - 11:05
	Michael Hildebrand (Australia)	
	Lessons learned from ILAE survey on genetic testing - “Towards a pragmatic approach of testing”	11:05 - 11:20
	Gaetan Lesca (France)	
	Q&A & Closing	11:20 - 11:30
<i>Nursing</i>		
11:30 - 12:30		Concourse
	ILAE Nursing Section: Exploring opportunities for AI in epilepsy research	
	Exploring opportunities for AI in epilepsy research	11:30 - 12:30
	Phil Tittensor (United Kingdom)	
	Matilda Modigh (Sweden)	
<i>Break</i>		
11:30 - 12:00		Exhibition Hall
	Break, poster viewing, visit exhibition	
<i>ILAE YES</i>		
11:40 - 12:30		ILAE YES Booth
	ILAE YES Career Development Session - Writing Skills: Answering the reviewers’ comments	
	Robert Terziev (Switzerland)	
	Introduction	11:40 - 11:45
	Writing Skills: Answering the reviewers’ comments	11:45 - 12:05
	Emilio Perucca (Australia)	
	Closing	12:05 - 12:10

Other

12:00 - 13:30

La Nuvola - Auditorium

Platform Session - AI and computational medicine

Lorenzo Caciagli (Switzerland)

Nandan Yardi (India)

Introduction	12:00 - 12:14
Advancing epilepsy treatment with computational modeling: from SEEG data to personalized models of seizure spread Edmundo Lopez-Sola (Spain)	12:14 - 12:22
Balloon-like cells histopathology detection of focal cortical dysplasia II based on deep learning Jia-Qi Wang (China)	12:22 - 12:30
Diagnosis and surgical outcome prediction models for temporal lobe epilepsy with hippocampal sclerosis based on multi-channel Inception-V3 Xiaohuang Zhuo (China)	12:30 - 12:38
Towards a digital twin of the epileptic brain network in patients with medically refractory focal epilepsy Evi H. M. Dirks (Netherlands)	12:38 - 12:46
Machine learning EEG biomarkers in SYNGAP1 rodent models and patients Alfredo Gonzalez-Sulser (United Kingdom)	12:46 - 12:54
Identifying high-risk days of upcoming seizure(s): a multimodal and comparative approach Louis Cousyn (France)	12:54 - 13:02
Creating a web tool to predict risk of next seizure using all seizures along a patient's journey Thomas Spain (United Kingdom)	13:02 - 13:10
Q&A & Closing	13:10 - 13:30

Drug Therapy

12:00 - 13:30

Da Vinci

Platform Session - Drug and other therapies

Jacqueline French (United States)

Sushma Goyal (United Kingdom)

Introduction	12:00 - 12:14
Paternal use of valproate during spermatogenesis and risk of offspring congenital malformations and neurodevelopmental disorders - a Danish cohort study Julie Werenberg Dreier (Denmark)	12:14 - 12:22
Five days versus fourteen days of oral dexamethasone therapy in children and adolescents aged 2-18 years with viable parenchymal neurocysticercosis up to 5 lesions: results from a prospective observational study and a randomised clinical trial Biswaroop Chakrabarty (India)	12:22 - 12:30
Dual anti-glutamate therapy in super-refractory status epilepticus after cardiac arrest (SUPER-CAT) Simone Beretta (Italy)	12:30 - 12:38

Personalized music as a treatment of pharmacoresistant epilepsy Hrvoje Hecimovic (Croatia)	12:38 - 12:46
Cenobamate in real word scenario: results on efficacy, adverse effects and retention rate in a single center retrospective study Randi von Wrede (Germany)	12:46 - 12:54
Worsening absence seizures by cenobamate without modifying the neuropsychiatric comorbidities in the WAG/Rij rat model Francesca Bosco (Italy)	12:54 - 13:02
LRP-661, a novel water-soluble cannabidiol derivative, displays potent anti-seizure activity in animal models of seizures Abdel-Rahman Lawendy (Canada)	13:02 - 13:10
Q&A & Closing	13:10 - 13:30
<i>Clinical Neurophysiology</i> 12:00 - 13:30	Michelangelo
Platform Session - Clinical Neurophysiology 2 Costas Michaelides (Cyprus) Roberto Michelucci (Italy)	
Introduction	12:00 - 12:14
EEG spectral power analysis of generalized spike-wave discharges in patients with absences can contribute to the differentiation between clinical and subclinical events Stephanie Gollwitzer (Germany)	12:14 - 12:22
Semi-automated electrical source imaging outperformed the automated approach in epilepsy surgery candidates: a quantitative retrospective experience Karmele R Olaciregui Dague (Germany)	12:22 - 12:30
Impact of epilepsy on the dynamics of cortico-cortical responses evoked by single-pulse electrical stimulation during simultaneous stereo-electroencephalography and magnetoencephalography Odile Feys (Belgium)	12:30 - 12:38
In vivo characterization of neuronal electrophysiological properties associated with ¹⁸FDG-PET focal hypometabolism in MRI-negative human mesial temporal lobe epilepsy Valerio Frazzini (France)	12:38 - 12:46
Detection of high-frequency oscillations by magnetoencephalography in pre-surgical assessment of drug-resistant epilepsy Rosalie Marchal (France)	12:46 - 12:54
Wake slow waves offset interictal epileptiform discharges at a price of transient cognitive deficits Laurent Sheybani (Switzerland)	12:54 - 13:02
A novel biomarker for the excitation-inhibition balance in epilepsy Suzanne J. van Norden (Netherlands)	13:02 - 13:10
Q&A & Closing	13:10 - 13:30

Genetics

12:00 - 13:30

Caravaggio

Platform Session - Genetics 2

Amy McTague (United Kingdom)

Simona Balestrini (Italy)

Introduction

12:00 - 12:14

Expanding the phenotypic spectrum of FGF12 epilepsy - does prompt precision therapy affect outcomes?

12:14 - 12:22

Leo Arkush (Israel)

Development and function in SCN2A-related disorders

12:22 - 12:30

Katherine Howell (Australia)

ATP6V0C Variants in Epilepsy: Unraveling Phenotypic Patterns and Genotype Correlations

12:30 - 12:38

Ricardo Morcos (Spain)

Prevalence and characteristics of germline genetic variants in unselected adult patients with drug-resistant focal epilepsy undergoing presurgical evaluation. A prospective study

12:38 - 12:46

Ines Seqat (France)

Quality of life in SCN1A-related seizure disorders across the lifespan

12:46 - 12:54

Crista A. Minderhoud (Netherlands)

AFG2A-related encephalopathy: clinical phenotype and ketogenic diet effect (*in vivo* and *in vitro* effect)

12:54 - 13:02

Laia Nou-Fontanet (Spain)

Can clinical symptoms predict the functional effect of genetic variants in GABRA1?

13:02 - 13:10

Sebastian Ortiz-De la Rosa (Denmark)

Q&A & Closing

13:10 - 13:30

Basic Science

12:00 - 13:30

Bernini

Platform Session - Basic Science 2

David Henshall (Ireland)

Katja Kobow (Germany)

Introduction

12:00 - 12:14

Neurons carrying somatic mTOR mutation are involved in HFO genesis in FCD-related epilepsy

12:14 - 12:22

Salome Kylarova (Czech Republic)

Hyperexcitability underlies hippocampal synaptic dysfunctions in a Lafora disease mouse model

12:22 - 12:30

Cinzia Costa (Italy)

Impaired GABAergic regulation and developmental immaturity in interneurons derived from the medial ganglionic eminence in tuberous sclerosis complex

12:30 - 12:38

Mirte Scheper (Netherlands)

A New Approach for Treating Epilepsy: CNS-targeted Antioxidant Gene Therapy

12:38 - 12:46

Tawfeeq Shekh-Ahmad (Israel)

Oligodendrocyte lineage cells loss in a mouse model of focal cortical dysplasia

12:46 - 12:54

Helena Pivonkova (Czech Republic)	
Absence seizures and abnormal sleep in a rat model of GRIN2B related neurodevelopmental disorder	12:54 - 13:02
Katerina Hristova (United Kingdom)	
A novel KCC2-based gene therapy for the treatment of focal, refractory epilepsy	13:02 - 13:10
Amy Richardson (United Kingdom)	
Q&A & Closing	13:10 - 13:30
<i>Epilepsy Surgery</i> 12:00 - 13:30	Raphael
Platform Session - Epilepsy Surgery	
Filiz Onat (Turkey)	
Edouard Hirsch (France)	
Introduction	12:00 - 12:14
Low-frequency features (<65 Hz) of stereo-electroencephalography are sufficient for correct localization of the epileptogenic zone and postsurgical outcome prediction regardless of state of vigilance	12:14 - 12:22
Petr Klimes (Czech Republic)	
Psychopathological outcome after pediatric epilepsy surgery	12:22 - 12:30
Elena Cavallini (Italy)	
What determines the timing of epilepsy surgery in children with malformations of cortical development and low-grade epilepsy-associated tumors?	12:30 - 12:38
Maurits W.C.B. Sanders (Netherlands)	
Tailored surgical work-up in patients with periventricular nodular heterotopias	12:38 - 12:46
Veronica Pelliccia (Italy)	
MR-guided laser interstitial thermal therapy for pediatric epilepsy -- safety, efficacy and intraoperative imaging predictors of resultant brain lesion	12:46 - 12:54
Cameron Elliott (Canada)	
Beyond seizures: exploring psychiatric comorbidities in pediatric epilepsy surgery	12:54 - 13:02
Licia Salimbene (Italy)	
Determinants of intellectual and developmental outcomes after pediatric hemispherotomy	13:02 - 13:10
Georgia Ramantani (Switzerland)	
Q&A & Closing	13:10 - 13:30
<i>Other</i> 12:00 - 13:30	Meeting Room 1
Mini EEC Forum - Sleep frenemies: Navigating the differential diagnosis of SHE and DOA through homemade video analysis	
Paolo Tinuper (Italy)	
Philippe Ryvlin (Switzerland)	
Introduction	12:00 - 12:05
Who is SHE?	12:05 - 12:20
Belén Abarrategui (Spain)	

Who are DOA?	12:20 - 12:35
Sofia Eriksson (United Kingdom)	
Interactive Video Session	12:35 - 13:00
Laura Licchetta (Italy)	
The key elements for the differential diagnosis	13:00 - 13:15
Francesca Bisulli (Italy)	
Q&A & Closing	13:15 - 13:30
<i>Other</i>	
12:00 - 13:30	Meeting Room 2
Mini EEC Forum - Clash of the titans: VNS versus DBS for drug-resistant epilepsy	
Rory Piper (United Kingdom)	
Introduction	12:00 - 12:15
For Vagus Nerve Stimulation	12:15 - 12:30
Ann Mertens (Belgium)	
For Deep Brain Stimulation	12:30 - 12:45
Lukas Imbach (Switzerland)	
VNS vs DBS	12:45 - 13:00
Michael Hart (United Kingdom)	
Future directions in neuromodulation	13:00 - 13:15
Aswin Chari (United Kingdom)	
Q&A & Closing	13:15 - 13:30
<i>Neuropsychology</i>	
12:00 - 12:30	Exhibition Hall
Networking Table - Neuropsychology	
J Helen Cross (United Kingdom)	
Laurent Sheybani (Switzerland)	
Sallie Baxendale (United Kingdom)	
<i>Epilepsy Surgery</i>	
12:00 - 12:30	Exhibition Hall
Networking Table - Epilepsy Surgery	
Martha Feucht (Austria)	
Christian Dorfer (Austria)	
Aria Fallah (United States)	
Georgia Ramantani (Switzerland)	
<i>Neurotechnology</i>	
12:40 - 13:40	Concourse
ILAE Neurotechnology: Funding opportunities for device/neurotechnology initiatives	
Sophie Adler (United Kingdom)	
How to get NIH funding	12:40 - 13:10
Brooks Gross (United States)	
How to get funding to kick-start a tech-idea towards start-up	13:10 - 13:40
Tue Lehn-Schiøler (Denmark)	

Other

13:30 - 14:00

Forum

Poster Tour (M5) - Adult Epileptology

Kai Michael Schubert (Switzerland)

Robert Terziev (Switzerland)

P001	Clinical and neurophysiological peculiarities of structural epilepsy in focal brain lesions of various etiology Nadezhda Muzhikina (Russian Federation)	13:30 - 13:35
P004	Predictors of seizure detection and EEG clinical impact in a tertiary emergency department Anna Bellini (Italy)	13:35 - 13:40
P006	Clinical course and management of patients with seronegative suspected autoimmune-associated epilepsy Andrea Stabile (Italy)	13:40 - 13:45
P010	Plasma neurofilament-light (NFL) as a possible marker of drug-resistant epilepsy Sarah Akel (Sweden)	13:45 - 13:50
P015	Higher plasma levels of tau among patients reporting side effects from antiseizure medication Klara Andersson (Sweden)	13:50 - 13:55
P070	Exploring the reproductive and sexual dysfunction in men with epilepsy: a systematic review with individual patients' data analysis Fedele Dono (Italy)	13:55 - 14:00

Other

13:30 - 14:00

Forum

Poster Tour (M1) - Basic Science/Drug Therapy

Cecilie Nome (Norway)

Rossella Di Sapia (Italy)

P111	Ictal Suppression by Spontaneous Adenosine Release in Hippocampus: In a Rat Model of Kainic Acid-induced Limbic Status Epilepticus Sung Chul Lim (Korea, Republic of)	13:30 - 13:33
P134	Molecular biomarkers of epileptogenesis in patients with Tuberous Sclerosis Complex Katarzyna Kotulska-Jóźwiak (Poland)	13:33 - 13:36
P132	Parvalbumin interneuron dysfunction and absence seizures comorbidities Beulah Leitch (New Zealand)	13:36 - 13:39
P087	Effective seizure suppression and prevention of a fatty liver by a novel low ratio ketogenic diet variant in the rapid kindling rat model of epileptogenesis Hester Meeusen (Netherlands)	13:39 - 13:42
P231	Steroid use in Seronegative Autoimmune Epilepsy: A Systematic Review Ruth Walsh (Ireland)	13:42 - 13:45
P246	Antisense oligonucleotide-based inhibition of microRNA-134 attenuates the broad hyperexcitable network changes in mice with experimental drug-resistant epilepsy Pablo Quintana-Sarti (Ireland)	13:45 - 13:48
P303	Integrated in silico and experimental studies for Lafora Disease: Repurposing of approved drugs as a novel treatment strategy	13:48 - 13:51

Antonella Liantonio (Italy)

Break

13:30 - 15:00

Exhibition Hall

Break, poster viewing, visit exhibition*Industry*

13:45 - 15:00

Michelangelo

Satellite Symposium*ILAE YES*

13:45 - 14:15

ILAE YES Booth

ILAE YES Career Development Session - Transitioning from clinics/academia to industry

Eugenia Roza (Romania)

Introduction

13:45 - 13:50

Transitioning from clinics/academia to industry

13:50 - 14:10

Wolfgang Loeschner (Germany)

Caroline Neuray (Belgium)

Q&A & Closing

14:10 - 14:15

Other

14:00 - 14:30

Forum

Poster Tour (M2) - Epilepsy in Resource-Restricted Settings/Epilepsy Surgery

Katharina Moser (Switzerland)

Ruba Al-Ramadhani (United States)

P341

The care quality indicators for convulsive status epilepticus: setting up and measurement

14:00 - 14:03

Lu Lu (China)

P345

Identifying and Filling the Knowledge Gap among Epilepsy Health Care Providers in the Eastern Mediterranean Region using the Interactive Journal Club webinars

14:03 - 14:06

Sally Shaaban (Egypt)

P347

Developing a checklist for adult epilepsy patient follow-up - A mixed methods study

14:06 - 14:09

Mamta Bhushan Singh (India)

P343

Epilepsy and IGAP in sub-Saharan Africa: a multilevel Euro-African intervention model

14:09 - 14:12

Domenica Immacolata Battaglia (Italy)

P518

Children with drug-resistant focal epilepsy and bilateral MR abnormalities considered for epilepsy surgery

14:12 - 14:15

Rebecca Finnegan (United Kingdom)

P519

Presurgical Estimation of the Epileptogenic Network via Scalp EEG Predicts Surgical Outcome In Children With Drug-Resistant Epilepsy

14:15 - 14:18

Giorgia Pomarico (United States)

P520

Antiseizure medication withdrawal and risk of seizure recurrence after epilepsy surgery

14:18 - 14:21

Clara Watschinger (Austria)

P563

Seizure freedom, cognitive and psychiatric outcome in patients with Hypothalamic Hamartoma-related epilepsy 12 months after MRg-LiTT treatment: report of a single-centre paediatric series

14:21 - 14:24

Erica Cognolato (Italy)

Other

14:00 - 14:30

Forum

Poster Tour (M6) - Status Epilepticus/Adult Epileptology

Fedele Dono (Italy)

Francisca Sá (Portugal)

P918	Refractory status epilepticus is frequently associated with its acute etiologies Giorgi Kuchukhidze (Austria)	14:00 - 14:03
P914	Hospital variation of outcomes in status epilepticus Samuel Terman (United States)	14:03 - 14:06
P920	Accuracy of Rapid EEG System with Reduced Electrodes for Acute Seizure Detection Jeffrey Chung (United States)	14:06 - 14:09
P921	Neuron-specific enolase in Status Epilepticus versus Generalized Periodic Discharges after cardiac arrest (NEXT-CAT) Carlo Morotti Colleoni (Italy)	14:09 - 14:12
P016	Efficacy of Treatment with Higher Doses of Brivaracetam in Patients with Focal Drug-Resistant Epilepsy Elżbieta Szczygieł-Pilut (Poland)	14:12 - 14:15
P018	Effect of circadian-rhythm seizure occurrence on brain network and memory in focal epilepsy Isotta Rigoni (Switzerland)	14:15 - 14:18
P019	A 'weather forecast' for seizures. Artificial intelligence To Optimise Seizure Prediction to Empower people with Epilepsy (ATMOSPHERE): Proof-of-concept mixed-methods research Phil Tittensor (United Kingdom)	14:18 - 14:21
P020	Clinical translation of machine learning algorithms for seizure detection in scalp electroencephalography: a systematic review Nina Moutonnet (United Kingdom)	14:21 - 14:24

Other

14:30 - 15:00

Forum

Poster Tour (M4) - Paediatric Epileptology

Eugenia Roza (Romania)

Ayşe Deniz Elmalı (Turkey)

P845	Fluoxetine as a precision-medicine approach for <i>KCNT1</i>-related epilepsy Marina Trivisano (Italy)	14:30 - 14:33
P786	Exhaustive clinical examination of etiology and initial response of first-line treatment in 577 infantile epileptic spasm syndrome children: A 5-year retrospective observational study Lin Wan (China)	14:33 - 14:36
P796	Real-World Clinical Burden of Non-seizure Symptoms Among Patients with Dravet Syndrome or Lennox-Gastaut Syndrome in Europe: Results from a Global Multinational Survey Françoise Truong Berthoz (Switzerland)	14:36 - 14:39
P821	Optimization of diagnostics and treatment strategies for patients diagnosed with Epileptic Encephalopathy with continuous spike and wave during sleep Shokhijakhon Shokhimardonov (Uzbekistan)	14:39 - 14:42

P798	Structural brain network abnormalities associated with hypothalamic hamartomas in children Aswin Chari (United Kingdom)	14:42 - 14:45
P855	Gut microbiota signature may predict response to anti-seizure medications Antonella Riva (Italy)	14:45 - 14:48
P797	Scalp high-frequency oscillation distribution is consistent over consecutive nights while rates vary with antiseizure medication changes Santo Pietro Lo Biundo (Switzerland)	14:48 - 14:51

Other

14:30 - 15:00

Forum

Poster Tour (M3) - Neuroimaging/Epilepsy and Reproductive Health

Tobias Bauer (Germany)

P374	Delivery of care and anti-seizure medication adherence in women with epilepsy during pregnancy in NHS Greater Glasgow and Clyde Alex D Marshall (United Kingdom)	14:30 - 14:33
P377	Exposure to Anti-Seizure Medications and Fetal Health: a Population-based Study in Emilia Romagna, Northern Italy Lidia Di Vito (Italy)	14:33 - 14:36
P381	Dose Adjustment of Anti-seizure Medications Levetiracetam and Lamotrigine during the Postpartum Period. Schedule Plan, Safety and Efficacy Lilach Goldstein (Israel)	14:36 - 14:39
P628	Noninvasive Normative Functional Connectivity Maps to Identify Abnormalities in Children with Epilepsy Ludovica Corona (United States)	14:39 - 14:42
P629	Microstructural Abnormalities of White Matter in Temporal Lobe Epilepsy with Hippocampal Sclerosis and Temporopolar Blurring Yuming Li (China)	14:42 - 14:45
P644	Altered dynamic functional connectivity of motor cerebellar with sensorimotor network and default mode network in Juvenile Myoclonic Epilepsy Menghan Yang (China)	14:45 - 14:48
P668	Morphometric Patterns in Patients with GLUT1 Transporter Deficiency syndrome Simona Scolastico (Italy)	14:48 - 14:51

Paediatric Epileptology

15:00 - 16:30

La Nuvola - Auditorium

Are developmental and epileptic encephalopathies progressive diseases?

Nicola Specchio (Italy)

Elena Gardella (Denmark)

Introduction	15:00 - 15:05
Are there clinical evidence of progression in genetic DEEs? Ingrid Scheffer (Australia)	15:05 - 15:25
How do the EEG and neurophysiological findings evolve over time Marina Trivisano (Italy)	15:25 - 15:45
Cognitive functions in DEE: what the long-term observation tells us.	15:45 - 16:05

Lieven Lagae (Belgium)

What do the neuroimaging studies add to the evidence of progression

16:05 - 16:25

Renzo Guerrini (Italy)

Q&A & Closing

16:25 - 16:30

Drug Therapy

15:00 - 16:30

Da Vinci

Antiepileptogenesis and disease modification. Which populations, outcome measures and trial designs?

Anthony Marson (United Kingdom)

Janet Mifsud (Malta)

Introduction

15:00 - 15:05

Using genomics to identifying mechanisms and targets for antiepileptic and disease modifying drugs

15:05 - 15:25

Deb Pal (United Kingdom)

Disease-modifying microRNA therapies entering preclinical development

15:25 - 15:45

Annamaria Vezzani (Italy)

Antiepileptogenesis after head injury. Challenges, trial designs and outcomes measures

15:45 - 16:05

Raimund Helbok (Austria)

Disease modification following a first seizure: trial designs and outcomes

16:05 - 16:25

Anthony Marson (United Kingdom)

Q&A & Closing

16:25 - 16:30

Other

15:00 - 16:30

Michelangelo

IGAP - Special Session on the Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders.

Introduction

15:00 - 15:05

WHO Toolkit

15:05 - 15:25

Alla Guekht (Russian Federation)

IGAP what are we doing

15:25 - 15:45

J Helen Cross (United Kingdom)

Gateway website

15:45 - 16:05

Julie Hall (United Kingdom)

Chapter examples

16:05 - 16:25

J Helen Cross (United Kingdom)

Q&A & Closing

16:25 - 16:30

Neuroimaging

15:00 - 16:30

Caravaggio

Advances in magnetoencephalography for the management of epilepsy

Umesh Vivekananda (United Kingdom)

Fernando Cendes (Brazil)

Introduction

15:00 - 15:05

The current role of MEG within epilepsy surgery	15:05 - 15:25
Stefan Rampp (Germany)	
Optically Pumped Magnetoencephalography in Epilepsy	15:25 - 15:45
Umesh Vivekananda (United Kingdom)	
Using non-invasive MEG to elicit virtual intracranial EEG signals	15:45 - 16:05
Francesca Bonini (France)	
Using MEG derived networks to predict post-surgical outcome	16:05 - 16:25
Peter Taylor (United Kingdom)	
Q&A & Closing	16:25 - 16:30

Basic Science

15:00 - 16:30

Bernini

Pathogenic role of demyelination in focal epilepsies and seizures

Marco de Curtis (Italy)

Cristina Ruedell Reschke (Ireland)

Introduction	15:00 - 15:05
Neuron-OPC interactions regulating OPC proliferation, differentiation and myelination	15:05 - 15:25
Ragnhildur Thora Karadottir (United Kingdom)	
Un/demyelinated axons and seizures	15:25 - 15:45
Laura Uva (Italy)	
Demyelination in different forms of focal epilepsies	15:45 - 16:05
Eleonora Aronica (Netherlands)	
Altered oligodendrocyte function in mild cortical malformation associated with epilepsy	16:05 - 16:25
Erica Cecchini (Germany)	
Q&A & Closing	16:25 - 16:30

Comorbidities

15:00 - 16:30

Raphael

Not all roads lead to SUDEP: Risk factors, biomarkers and prevention of premature death in epilepsy

Torbjörn Tomson (Sweden)

Philippe Ryvlin (Switzerland)

Introduction	15:00 - 15:05
The heart matters - altered cardiac properties and sudden cardiac death in epilepsy	15:05 - 15:25
Shobi Sivathamboo (Australia)	
The fatal wave - spreading depolarization and lethal brain suppression	15:25 - 15:45
Jeffrey Noebels (United States)	
Structural and functional abnormalities in SUDEP	15:45 - 16:05
Beate Diehl (United Kingdom)	
Individual risk assessment - is it important for epilepsy management?	16:05 - 16:25
Roland Thijs (Netherlands)	
Q&A & Closing	16:25 - 16:30

Paediatric Epileptology

15:00 - 16:30

Meeting Room 1

Mini EEC Forum - Epilepsy in mitochondrial diseases

Francesca Bisulli (Italy)

Ronit Pressler (United Kingdom)

Introduction

15:00 - 15:02

Overview of mitochondrial encephalopathies - focus on epileptic manifestations

15:02 - 15:27

Marcello Bellusci (Spain)

Illustrative Clinical case 1

15:27 - 15:47

Laura Licchetta (Italy)

Illustrative Clinical case 2

15:47 - 16:07

Marietta Papadopoulou (France)

Illustrative Clinical case 3

16:07 - 16:27

Marcello Bellusci (Spain)

Q&A & Closing

16:27 - 16:30

Adult Epileptology

15:00 - 16:30

Meeting Room 2

Mini EEC Forum - Focal epilepsy is...

Maeike Zijlmans (Netherlands)

Introduction

15:00 - 15:11

Focal epilepsy is... ...the seizures

15:11 - 15:22

Philippe Kahane (France)

Focal epilepsy is... ...the electrographical signal

15:22 - 15:33

Fabrice Bartolomei (France)

Focal epilepsy is... ...the (metabolic) MRI

15:33 - 15:44

Gilbert Hangel (Austria)

Focal epilepsy is... ... the (outcome of) surgery

15:44 - 15:55

Johannes Sarnthein (Switzerland)

Focal epilepsy is... ... the epileptic tissue

15:55 - 16:06

Premysl Jiruska (Czech Republic)

Focal epilepsy is... ... AI will tell us

16:06 - 16:17

Sem Hoogteijling (Netherlands)

Q&A & Closing

16:17 - 16:30

Industry

16:30 - 18:00

Caravaggio

Satellite Symposium*Industry*

16:30 - 17:30

Bernini

Satellite Symposium

ILAE YES

16:30 - 17:00

ILAE YES Booth

ILAE YES Career Development Session - Interview

Sebastian Ortiz-De la Rosa (Denmark)

Introduction

16:30 - 16:35

Interview

16:35 - 16:55

Meir Bialer (Israel)

Closing

16:55 - 17:00

Break

16:30 - 17:00

Exhibition Hall

Break, poster viewing, visit exhibition*Social Issues*

16:45 - 18:30

Da Vinci

Difficult discussions in newly diagnosed epilepsy

Natela Okujava (Georgia)

Introduction

16:45 - 16:52

The impacts of newly diagnosed epilepsy - where are we now?

16:52 - 17:04

Venus Tang (Hong Kong)

Being young at epilepsy diagnosis

17:04 - 17:16

Erin Davies (Ireland)

Being a parent of a child with severe epilepsy

17:16 - 17:28

Francesca Sofia (Italy)

Difficult discussions in the newly diagnosed developmental and epileptic encephalopathies - Neuropsychologist perspective

17:28 - 17:40

Gus Baker (United Kingdom)

SUDEP counselling in newly diagnosed epilepsy - when, why and how?

17:40 - 17:52

Adam Strzelczyk (Germany)

When epilepsy starts at senior age - issues beyond the seizures

17:52 - 18:04

Natela Okujava (Georgia)

Making a hard talk easier - The role of IBE and ILAE

18:04 - 18:16

Gus Baker (United Kingdom)

Q&A & Closing

18:16 - 18:30

Tuesday, 10. September 2024*Paediatric Epileptology*

08:00 - 09:30

La Nuvola - Auditorium

Immunity, Inflammation and Epilepsy

Sarosh Irani (United States)

Introduction	08:00 - 08:05
Management of patients with suspected autoimmune epilepsy	08:05 - 08:25
Tiziana Granata (Italy)	
Epileptogenic mechanisms of human autoantibodies	08:25 - 08:45
Christian Geis (Germany)	
The immunology underlying of autoimmune epilepsies	08:45 - 09:05
Sarosh Irani (United States)	
Autoimmune epilepsy in paediatric patients	09:05 - 09:25
Sara Matricardi (Italy)	
Q&A & Closing	09:25 - 09:30

Other

08:00 - 09:30

Da Vinci

EEC Forum - Pediatricians want to know what happens to their patients after moving to adult care

Federico Vigevano (Italy)

Kette Valente (Brazil)

Introduction	08:00 - 08:05
Parents concerns: where do we go now that they are adults?	08:05 - 08:20
José Ángel Aibar (Spain)	
Neurodegeneration in adults with DEE?	08:20 - 08:35
Danielle Andrade (Canada)	
Optimizing seizure therapy during transition	08:35 - 08:50
Rima Nabbout (France)	
Psychiatric issues in adults with DEE	08:50 - 09:05
Marco Mula (United Kingdom)	
Sleep disorders in patients with DEE, the use of real world data	09:05 - 09:20
Tommaso Lo Braco (Italy)	
Q&A & Closing	09:20 - 09:30

Genetics

08:00 - 09:30

Caravaggio

EEC Forum - How to tackle complexity in a rare epilepsy syndrome?

Alexis Arzimanoglou (Spain)

Isabella Brambilla (Italy)

Introduction	08:00 - 08:15
Multimodal methods and databases to construct the natural history	08:15 - 08:30
Rima Nabbout (France)	
Precision medicine in Dravet syndrome: from a national registry to translational approaches	08:30 - 08:45

Simona Balestrini (Italy)	
Genomic complexity in a monogenic condition	08:45 - 09:00
Sanjay Sisodiya (United Kingdom)	
PROM'S News Scale DAND - Development of the Dravet disease with associated neuropsychiatric disorder (D-DAND) interview	09:00 - 09:15
Alberto Cossu (Italy)	
Q&A & Closing	09:15 - 09:30
<i>Epilepsy Surgery</i> 08:00 - 11:21	Bernini
Modern Concepts in Epilepsy Surgery I	
Christian Dorfer (Austria)	
Guy McKhann (United States)	
Introduction	08:00 - 08:05
Session I: (Multi)lobar resection versus disconnection	08:05 - 08:05
Periinsular anterior quadrantotomy: Technical description	08:05 - 08:33
Frontal lobe resection	08:33 - 09:01
Jorge Gonzalez-Martinez (United States)	
Posterior quadrant disconnections	09:01 - 09:29
Thilo Kalbhenn (Germany)	
Posterior quadrant resection	09:29 - 09:57
Francesco Cardinale (Italy)	
Temporal lobe resection	09:57 - 10:25
Anna Miserocchi (United Kingdom)	
The role of MRI in evaluating the completeness of disconnection	10:25 - 10:53
Horst Urbach (Germany)	
Anatomic hemispherectomy in very young children	10:53 - 11:21
Mark Dexter (Australia)	
Congress Coffee break AM	11:21 - 11:46
Session II: The earlier the better - surgical implications	11:46 - 11:46
Anaesthesiological challenges and possibilities for epilepsy surgery in very young infants	11:46 - 12:14
Stefan Eckert (Germany)	
Trends in pediatric epilepsy surgery in the last 20 years: age and country- specific variability	12:14 - 12:42
Carmen Barba (Italy)	
Epilepsy surgery for non-drug resistant patients	12:42 - 13:10
Laura Tassi (Italy)	
Surgery for LEATS	13:10 - 13:38
Guy McKhann (United States)	
Congress lunch break	13:38 - 14:46
Session III: Technology in Epilepsy surgery	14:46 - 14:46
Current concepts and future perspectives in neuromodulation	14:46 - 15:14

Arthur Cukiert (Brazil)

Will Artificial Intelligence support surgical planning and decision-making? 15:14 - 15:42

Luca de Palma (Italy)

The value of robotic applications in epilepsy surgery 15:42 - 16:10

Martin Tisdall (United Kingdom)

Current role and future perspectives of LITT in Europe 16:10 - 16:38

Karl Rössler (Austria)

Potentials and Limitations of MRI guided focused ultrasound in the treatment of epilepsy 16:38 - 17:06

Gordon Baltuch (United States)

Q&A & Closing 17:06 - 17:06

Industry

08:00 - 09:30

Raphael

Satellite Symposium**Eisai - Optimising epilepsy management: the role of broad-spectrum antiseizure medications**

Giancarlo Di Gennaro (Italy)

Welcome and introduction 08:00 - 08:00

Giancarlo Di Gennaro (Italy)

The use of broad-spectrum antiseizure medications in the treatment of epilepsy 08:00 - 08:00

Eugen Trinkä (Austria)

Practical considerations for the treatment of generalised seizures 08:00 - 08:00

Vicente Villanueva (Spain)

Targeted therapy: evidence for treatment across epilepsy 08:00 - 08:00

Claudio Liguori (Italy)

Q&A 08:00 - 08:00

Giancarlo Di Gennaro (Italy)

Eugen Trinkä (Austria)

Vicente Villanueva (Spain)

Claudio Liguori (Italy)

Award Symposia

09:00 - 09:30

Meeting Room 1

Award Symposium: Epileptic Disorders

Sándor Beniczky (Denmark)

Introduction 09:00 - 09:05

Application of the International League Against Epilepsy Neonatal Seizure Framework to an international panel of medical personnel 09:05 - 09:25

Elissa G. Yozawitz (United States)

Closing 09:25 - 09:30

Drug Therapy

09:40 - 11:40

La Nuvola - Auditorium

Optimizing future epilepsy treatment with new antiseizure medications (ASMs)

Cecilie Johannessen Landmark (Norway)

Alexis Arzimanoglou (Spain)

Introduction	09:40 - 09:50
Pros and cons of current clinical trials with new ASMs; can we do better?	09:50 - 10:15
Emilio Perucca (Australia)	
How to optimize ASM therapy with therapeutic drug monitoring?	10:15 - 10:40
Cecilie Johannessen Landmark (Norway)	
Precision gene therapy for epilepsy: How long will it take to see it in the clinics?	10:40 - 11:05
Stephanie Schorge (United Kingdom)	
New ASMs in the pipeline; what is their potential?	11:05 - 11:30
Meir Bialer (Israel)	
Q&A & Closing	11:30 - 11:40
<i>Basic Science</i>	
09:40 - 11:40	Da Vinci
Advanced targeted gene-therapy approaches for epilepsy	
Eleonora Aronica (Netherlands)	
Aristea Galanopoulou (United States)	
Introduction	09:40 - 09:50
General principles of gene therapy approaches	09:50 - 10:15
David Henshall (Ireland)	
Gene therapies for monogenic epilepsies	10:15 - 10:40
Gaia Colasante (Italy)	
Activity-dependent gene therapy for epilepsy	10:40 - 11:05
Gabriele Lignani (United Kingdom)	
Current Clinical Applications: gene therapy trials pipeline	11:05 - 11:30
Paul Boon (Belgium)	
Q&A & Closing	11:30 - 11:40
<i>Neurotechnology</i>	
11:30 - 12:30	Concourse
ILAE Neurotechnology: AI in Epilepsy: Challenges and Opportunities	
Challenges	11:30 - 12:00
Arjune Sen (United Kingdom)	
Opportunities	12:00 - 12:30
Benjamin Brinkmann (United States)	
<i>Break</i>	
11:30 - 12:00	Exhibition Hall
Break, poster viewing, visit exhibition	
<i>ILAE YES</i>	
11:40 - 12:30	ILAE YES Booth
ILAE YES Brainstorming Session - Will Artificial Intelligence replace epileptologist?	
Margarita Maltseva (Germany)	
Introduction	11:40 - 11:45

Will Artificial Intelligence replace epileptologist?	11:45 - 12:20
Wesley Kerr (United States) Boris Bernhardt (Canada)	
Q&A & Closing	12:20 - 12:30
<i>Epilepsy Surgery</i> 11:46 - 13:38	Bernini
Modern Concepts in Epilepsy Surgery II	
Christian Dorfer (Austria) Guy McKhann (United States)	
Introduction	11:46 - 11:51
Session I: (Multi)lobar resection versus disconnection	11:51 - 11:51
Periinsular anterior quadrantotomy: Technical description	11:51 - 12:19
Frontal lobe resection	12:19 - 12:47
Jorge Gonzalez-Martinez (United States)	
Posterior quadrant disconnections	12:47 - 13:15
Thilo Kalbhenn (Germany)	
Posterior quadrant resection	13:15 - 13:43
Francesco Cardinale (Italy)	
Temporal lobe resection	13:43 - 14:11
Anna Miserocchi (United Kingdom)	
The role of MRI in evaluating the completeness of disconnection	14:11 - 14:39
Horst Urbach (Germany)	
Anatomic hemispherectomy in very young children	14:39 - 15:07
Mark Dexter (Australia)	
Congress Coffee break AM	15:07 - 15:32
Session II: The earlier the better - surgical implications	15:32 - 15:32
Anaesthesiological challenges and possibilities for epilepsy surgery in very young infants	15:32 - 16:00
Stefan Eckert (Germany)	
Trends in pediatric epilepsy surgery in the last 20 years: age and country- specific variability	16:00 - 16:28
Carmen Barba (Italy)	
Epilepsy surgery for non-drug resistant patients	16:28 - 16:56
Laura Tassi (Italy)	
Surgery for LEATS	16:56 - 17:24
Guy McKhann (United States)	
Congress lunch break	17:24 - 18:32
Session III: Technology in Epilepsy surgery	18:32 - 18:32
Current concepts and future perspectives in neuromodulation	18:32 - 19:00
Arthur Cukiert (Brazil)	
Will Artificial Intelligence support surgical planning and decision-making?	19:00 - 19:28
Luca de Palma (Italy)	

The value of robotic applications in epilepsy surgery	19:28 - 19:56
Martin Tisdall (United Kingdom)	
Current role and future perspectives of LITT in Europe	19:56 - 20:24
Karl Rössler (Austria)	
Potentials and Limitations of MRI guided focused ultrasound in the treatment of epilepsy	20:24 - 20:52
Gordon Baltuch (United States)	
Q&A & Closing	20:52 - 20:52

Paediatric Epileptology

12:00 - 13:30

La Nuvola - Auditorium

Platform Session - Paediatric Epileptology

Cecil Hahn (Canada)

Susanne Schubert-Bast (Germany)

Introduction	12:00 - 12:14
Lesion distribution and functional networks underlying tonic seizures of lesional etiology	12:14 - 12:22
Sem L. Kampman (United States)	
MONARCH and ADMIRAL: open-label, Phase 1/2a studies in US and UK investigating safety, drug exposure, and clinical effect of STK-001, an Antisense Oligonucleotide (ASO), in children and adolescents with Dravet Syndrome (DS)	12:22 - 12:30
J Helen Cross (United Kingdom)	
Long-term outcome of a cohort of patients with pharmacoresistant neonatal epilepsy and negative brain MRI	12:30 - 12:38
Beatrice Desnous (France)	
The effect of seizures and Interictal Epileptiform Discharges on sleep macrostructure in Dravet Syndrome: a polysomnography study	12:38 - 12:46
Alberto Cossu (Italy)	
Gross and fine motor function in young children with Dravet syndrome: results from the International Prospective Natural History Study, ENVISION	12:46 - 12:54
Susana Boronat (Spain)	
Predicting drug-resistance from the child's first EEG through a novel network-based approach	12:54 - 13:02
Cristiana Montebelli (Italy)	
Electroencephalographic and epileptological natural history in metachromatic leukodystrophy: a longitudinal long-term follow-up study	13:02 - 13:10
Gianni Cutillo (Italy)	
Q&A & Closing	13:10 - 13:30

Neuroimaging

12:00 - 13:30

Da Vinci

Platform Session - Neuroimaging

Paolo Federico (Canada)

Felice D'Arco (United Kingdom)

Introduction	12:00 - 12:14
Characterizing thalamic sodium homeostasis changes in focal	12:14 - 12:22

epilepsy with 7T ²³Na MRI Roy Haast (France)	
The Tractography-Derived Structural Connectivity Between Insular Subregions Farbod Niazi (Canada)	12:22 - 12:30
Scaling the Peaks: A Multiscale Expedition into Temporal Lobe Epilepsy's Morphological Landscape Karoline Leiberg (United Kingdom)	12:30 - 12:38
Ultra-High-Field Susceptibility Weighted Imaging in Focal Epilepsy indicates whole-brain cortical and subcortical iron accumulation Nina Rebecca Held (Germany)	12:38 - 12:46
Can peri-ictal MRI abnormalities predict one-year recurrence in status epilepticus? A prospective study Pilar Bosque Varela (Austria)	12:46 - 12:54
MRI-based disease epicentre mapping reveals clinically distinguished and histopathologically confirmed subtypes in Rasmussen's encephalitis Tobias Bauer (Germany)	12:54 - 13:02
Clinical add-on value of 7T MRI in drug resistant temporal lobe epilepsy? Ariadne Zampeli (Sweden)	13:02 - 13:10
Q&A & Closing	13:10 - 13:30
<i>Other</i> 12:00 - 13:30	Michelangelo
Platform Session - Mixed topics Bosanka Jovic-Jakubi (Kuwait)	
Introduction	12:00 - 12:14
2-year outcome of epicranial Focal Cortex Stimulation with the EASEE-system in pharmacoresistant focal epilepsy Andreas Schulze-Bonhage (Germany)	12:14 - 12:22
Investigating the Connectivity Profiles of the Anterior, Centromedian, Pulvinar, and Dorsomedial Thalamic Nuclei and Seizure Onset Areas to guide Target Selection in Neuromodulation Giovanna Aiello (Switzerland)	12:22 - 12:30
Preictal temperature increase detected by ear canal thermometry. A possible tool for noninvasive seizure prediction Masud Seyal (United States)	12:30 - 12:38
IS IT POSSIBLE TO IMPROVE language via a digital application? Helene Brissart (France)	12:38 - 12:46
LAMPSY - Affordable Seizure Detection On Edge Devices Vicente Mayer Garção (Portugal)	12:46 - 12:54
Brain somatic mosaicism of sex chromosomes defines MOGHE Erica Cecchini (Germany)	12:54 - 13:02
Q&A & Closing	13:02 - 13:22

Other

12:00 - 13:30

Caravaggio

Platform Session - Late Breaking

Luca de Palma (Italy)

Anna Elisabetta Vaudano (Italy)

Introduction

12:00 - 12:08

Stereo-electroencephalography-based sampling of the human brain microenvironment defines molecular-neurophysiologic correlates of epileptogenicity

12:08 - 12:22

Julian Larkin (Ireland)

Structural Connectivity Changes and Verbal Memory Recovery 10 Years after Anterior Temporal Lobe Resection

12:22 - 12:30

Marine N. Fleury (United Kingdom)

Mosaicism in malformations of cortical development: implications for the diagnostic workflow

12:30 - 12:38

Flavia Fineschi (Italy)

Circulating microRNA profiles distinguish epilepsy from seizure mimics in an acute emergency department setting

12:38 - 12:46

Claire Behan (Ireland)

S100B levels provide a biomarker for epilepsy after traumatic brain injury: a register-based cohort study of Danish adults

12:46 - 12:54

Kasper Lolk (Denmark)

Effects of antiseizure medications on fetal brain development - a pilot fetal MRI study

12:54 - 13:02

Silvia Bonelli (Austria)

Significant Seizure Reduction in Pediatric Participants with Early Onset SCN2A Developmental and Epileptic Encephalopathy following Treatment with Elsunersen, a Novel Antisense Oligonucleotide: Findings from the EMBRAVE Study

13:02 - 13:10

Silvana Frizzo (United States)

Q&A & Closing

13:10 - 13:30

Other

12:00 - 13:30

Raphael

Svein Johannessen Tribute Symposium

Cecilie Johannessen Landmark (Norway)

Meir Bialer (Israel)

Introduction

12:00 - 12:05

Pharmacokinetic interactions of ASMs and their implications for TDM

12:05 - 12:31

Cecilie Johannessen Landmark (Norway)
Emilio Perucca (Australia)**The interplay between ASMs pharmacokinetics and TDM**

12:31 - 12:57

Meir Bialer (Israel)

TDM to optimize management of epilepsy in women of childbearing potential

12:57 - 13:23

Torbjörn Tomson (Sweden)

Closing

13:23 - 13:30

Adult Epileptology

12:00 - 13:30

Meeting Room 1

Mini EEC Forum - EEG patterns after cardiac arrest: what we know and what we don't

Simone Beretta (Italy)

Introduction

12:00 - 12:15

Rhythmic and periodic patterns

12:15 - 12:30

Michel Van Putten (Netherlands)

Is this EEG highly malignant, malignant or maybe not?

12:30 - 12:45

Erik Westhall (Sweden)

EEG patterns and neuroimaging

12:45 - 13:00

Jong Woo Lee (United States)

Status epilepticus and ictal-interictal continuum: guess the prognosis, guess the treatment!

13:00 - 13:15

Pia De Stefano (Switzerland)

Q&A & Closing

13:15 - 13:30

Social Issues

12:00 - 13:30

Meeting Room 2

Mini EEC Forum - Epilepsy beyond seizures - an Epicare initiative

Morten I. Lossius (Norway)

Christoph Helmstaedter (Germany)

Introduction

12:00 - 12:15

Challenges with psychiatric comorbidity in patients with epilepsy and intellectual disabilities (ID)

12:15 - 12:30

Oliver Johannes Henning (Norway)

Exploring integrative approaches: Clinician perspectives on defining patient-centered outcomes in the treatment of rare and complex epilepsies

12:30 - 12:45

Julia Taube (Germany)

Stigma - still an issue in 2024?

12:45 - 13:00

Reetta Kalviainen (Finland)

Tools developed by patient organisations for improving physician-patient communication

13:00 - 13:15

Isabella Brambilla (Italy)

Q&A & Closing

13:15 - 13:30

Basic Science

12:00 - 12:30

Exhibition Hall

Networking Table - Basic Science/Precision Medicine

Gaia Colasante (Italy)

Gabriele Lignani (United Kingdom)

Paul Boon (Belgium)

Paediatric Epileptology

12:00 - 12:30

Exhibition Hall

Networking Table - Pediatric Epilepsy

Nicola Specchio (Italy)

Kees Braun (Netherlands)

Stéphane Auvin (France)

Rima Nabbout (France)

Nursing

12:30 - 13:30

Concourse

ILAE Nursing Section: Building professional epilepsy bonds in Europe**Building professional epilepsy bonds in Europe**

12:30 - 13:30

Tolu Olaniyan (United Kingdom)

Ludivine Rohrer (France)

Other

13:30 - 14:00

Forum

Poster Tour (T6) - Paediatric Epileptology

Eugenia Roza (Romania)

Ayşe Deniz Elmalı (Turkey)

P793

Cannabidiol therapy for refractory epilepsy in pediatric real world setting: what's the benefit?

13:30 - 13:33

Patricia Smeyers (Spain)

P860

Scalp high-frequency oscillations differentiate neonates with seizures from healthy neonates and indicate postneonatal epilepsy risk

13:33 - 13:36

Panagiota Karatza (Switzerland)

P809

Efficacy and tolerability of first line ketogenic diet versus high dose adrenocorticotrophic hormone therapy in infantile spasm syndrome: an open label randomized controlled trial

13:36 - 13:39

Aakash Mahesan (India)

P810

Analysis of predictors of response to hormonal therapy in children with treatment naïve West syndrome with EEG, fMRI, qEEG and serum Biomarkers: An observational study

13:39 - 13:42

Rishi Sharma (India)

P853

Outcomes of Focal Epilepsy in Children and Young People - Scottish Regional Population Study

13:42 - 13:45

Emily Lancaster (United Kingdom)

P865

Mesial temporal and neocortical sleep spindles are reduced in children with focal epilepsy and developmental delay

13:45 - 13:48

Jan Schönberger (Germany)

P869

Role of ketogenic diet therapies and genetic aetiology in early infantile epileptic and developmental encephalopathies

13:48 - 13:51

Anastasia Dressler (Austria)

P791

Efficacy of wearable seizure devices in paediatric epilepsy and the caregiver perspective

13:51 - 13:54

Domenico Serino (United Kingdom)

Other

13:30 - 14:00

Forum

Poster Tour (T1) - Adult Epileptology

Bruna Nucera (Italy)

Aleksa Pejović (Serbia)

P021

Epileptic seizure prediction with hyperbolic embedding of EEG connectivity networks

13:30 - 13:33

Martin Guillemaud (France)

P025

Real-life seizure detection with Embrace2 (Empatica)

13:33 - 13:36

Irena Dolezalova (Czech Republic)

P027

First seizure clinic: Experience at a tertiary hospital in Madrid

13:36 - 13:39

María José Arias Villarán (Spain)

P031	Plasma proteomics in persons with epilepsy: network-based identification of protein modules associated with seizures Saman Hosseini Ashtiani (Sweden)	13:39 - 13:42
P037	EpilepsyPOWER a project to favor inclusion of people with epilepsy in workplaces Flavia Narducci (Italy)	13:42 - 13:45
P036	The impact of drug-resistant epilepsy in an outpatient clinic of a tertiary hospital. A prospective study based on clinical practice Maria Grávalos (Spain)	13:45 - 13:48
P045	Subtypes of acute symptomatic seizures after stroke and their association with post-stroke epilepsy Kai Michael Schubert (Switzerland)	13:48 - 13:51
P032	Health outcomes and economics of an alternative model for referrals to a first seizure clinic Rupert Page (United Kingdom)	13:51 - 13:54
<i>Break</i> 13:30 - 15:00 Break, poster viewing, visit exhibition		
		Exhibition Hall
<i>Industry</i> 13:45 - 15:00 Satellite Symposium Takeda - Balancing Act: The Emerging Role of Rational Polytherapy in DEEs Renzo Guerrini (Italy)		
		Raphael
	Welcome and introductions Renzo Guerrini (Italy)	13:45 - 13:45
	Understanding the impact of polytherapy in DEEs Francesca Sofia (Italy)	13:45 - 13:45
	Practical assessment of rational polytherapy in clinical decision making Renzo Guerrini (Italy)	13:45 - 13:45
	Future perspectives in rational polytherapy Emilio Perucca (Australia)	13:45 - 13:45
	Panel discussion/ Audience Q&A Renzo Guerrini (Italy) Francesca Sofia (Italy) Emilio Perucca (Australia)	13:45 - 13:45
	Summary and close Renzo Guerrini (Italy)	13:45 - 13:45
<i>ILAE YES</i> 13:45 - 14:15 ILAE YES Brainstorming Session - Acute symptomatic seizures Ruba Al-Ramadhani (United States)		
		ILAE YES Booth
	Introduction	13:45 - 13:50
	Acute symptomatic seizures Julia Jacobs LeVan (Canada) Ronit Pressler (United Kingdom)	13:50 - 14:10

Q&A & Closing		14:10 - 14:15
<i>Other</i>		
14:00 - 14:30		Forum
Poster Tour (T4) - Comorbidities/Genetics		
Angela De Dominicis (Italy)		
Roberto Previtali (Italy)		
P383	Clinical characteristics of children with co-occurring autism spectrum disorder and epilepsy and value of electroencephalography Matilda Kovac Sizgoric (Croatia)	14:00 - 14:03
P384	Impacts of COVID-19 pandemic on seizure control in children with epilepsy: A retrospective cross-sectional study of a single-center experience in South Korea Ja Un Moon (Korea, Republic of)	14:03 - 14:06
P385	Autism spectrum disorder in children with epilepsy due to focal cortical dysplasia Sviatlana Kulikova (Belarus)	14:06 - 14:09
P403	Autism in Children with Epilepsy: How Much Higher is the Risk and What's the Difference? A Population-Based Study Mariya Saify (United States)	14:09 - 14:12
P768	KCNQ2-related neonatal epilepsy: impact of prompt diagnosis and early predictors of outcome severity Katherine Howell (Australia)	14:12 - 14:15
P730	Outcomes of Developmental and Epileptic Encephalopathies in adulthood: what happens? Angeliki Vakrinou (United Kingdom)	14:15 - 14:18
P735	RORA-related neurodevelopmental disorder: a rare condition linking intellectual disability, cerebellar hypoplasia, and myoclonic seizure types Mariagrazia Talarico (Italy)	14:18 - 14:21
P753	Standard procedure for common data elements in groups of rare diseases using the example of SYNGAP1 and RASopathies Lorenz Kiwull (Austria)	14:21 - 14:24
<i>Other</i>		
14:00 - 14:30		Forum
Poster Tour (T2) - Clinical Neurophysiology/Epilepsy Surgery		
Pedro F. Viana (United Kingdom)		
Fedele Dono (Italy)		
P153	EEG aperiodic exponent relates with cognitive functioning and gene expression in temporal lobe epilepsy Gian Marco Duma (Italy)	14:00 - 14:03
P157	External validation of a deep learning network for detection of epileptiform discharges Marleen C. Tjepkema-Cloostermans (Netherlands)	14:03 - 14:06
P201	Anti-seizure medication withdrawal in long-term video-EEG monitoring for presurgical evaluation: a European safety and efficacy analysis Renate van Griethuysen (Netherlands)	14:06 - 14:09
P150	Whispers of spasms, echoes of challenges: unsatisfactory accuracy and inconsistent inter-rater reliability among	14:09 - 14:12

	electroencephalographers in identifying epileptic spasms Wenrong Ge (China)	
P506	Beyond the lesion: stereoelectroencephalography (SEEG) evaluation and predictors for post-operative seizure outcome in resective epilepsy surgery Valeri Borger (Germany)	14:12 - 14:15
P514	Non-invasive EEG source imaging of Irritative Hubs predicts post-surgical outcome and reveals fingerprints of epileptogenic pathologies Lorenzo Ricci (Italy)	14:15 - 14:18
P521	Electrographic seizure patterns in the piriform cortex investigated by invasive diagnostics Attila Racz (Germany)	14:18 - 14:21
P551	EPINOV Trial : "Efficacy and Safety of Virtual Epileptic Patient strategy for the surgical treatment of drug-resistant epilepsy : A prospective randomized, parallel group study" Eya Bourguiba (France)	14:21 - 14:24
<i>Other</i> 14:30 - 15:00		Forum
Poster Tour (T3) - Basic Science/Drug Therapy Rossella Di Sapia (Italy)		
P093	Diminished circadian and ultradian rhythms of brain activity in pathological brain tissue in human epilepsy Yujiang Wang (United Kingdom)	14:30 - 14:33
P088	Effects of long-term low frequency stimulation on seizures, histopathology and behavior in a mouse model of temporal lobe epilepsy Piret Kleis (Germany)	14:33 - 14:36
P092	Investigating the Role of Astrocytes in CDKL5 Deficiency Disorder Ceri Pickering (United Kingdom)	14:36 - 14:39
P133	Impairment of Energy Metabolism in a Mouse Model of Focal Cortical Dysplasia Jakub Otáhal (Czech Republic)	14:39 - 14:42
P265	Miglustat for the treatment of CLN3 disease: an open-label study Nicola Pietrafusa (Italy)	14:42 - 14:45
P293	Patient Characteristics and Treatment Patterns in Patients With Dravet Syndrome: Real-world Evidence from a Cross-sectional Survey of Physicians in Europe Richard Chin (United Kingdom)	14:45 - 14:48
P296	Long-term effectiveness and safety of add-on purified Cannabidiol (hpCBD) in monogenic drug-resistant epilepsy: a retrospective double-center study Alessandro Orsini (Italy)	14:48 - 14:51
P313	Short-term outcome of intravenous methylprednisolone pulse therapy versus oral prednisolone in patients with epileptic spasms Mohammad Ali Saeed Hassan Ali (Egypt)	14:51 - 14:54

Other

14:30 - 15:00

Forum

Poster Tour (T5) - Neuroimaging/Neurostimulation

Kai Michael Schubert (Switzerland)

Robert Terziev (Switzerland)

P637	Morphometric alterations in focal to bilateral tonic-clonic seizures are associated with Excitatory/inhibitory imbalance Qiuxing Lin (China)	14:30 - 14:33
P649	Interictal structure-function coupling revealed by connectome spectrum analyses, and its relationship to surgical outcome Louise de Wouters d'Oplinter (Switzerland)	14:33 - 14:36
P652	Mapping structural and functional alterations in cortex connected to high-spiking epileptic tissue: a combined MRI and HD-EEG study Ella Sahlas* (Canada)	14:36 - 14:39
P591	A sound approach to epilepsy management: A systematic review of the Mozart effect in adult and paediatric cases of drug-resistant epilepsy Lucrezia Maria Piccicacchi (United Kingdom)	14:39 - 14:42
P593	Source reconstruction of DBS-evoked potentials and epileptiform discharges in patients with epilepsy Maria Carla Piastra (Netherlands)	14:42 - 14:45
P594	Variability in thalamic recruitment in seizures: implications for thalamic neuromodulation Pariya Salami (United States)	14:45 - 14:48
P612	Feasibility and Safety of Implantation of an electrode array for Focal Cortex Stimulation in Drug-Resistant Epilepsy Martin Glaser (Germany)	14:48 - 14:51

Epilepsy Surgery

14:46 - 16:38

Bernini

Modern Concepts in Epilepsy Surgery III

Christian Dorfer (Austria)

Guy McKhann (United States)

Introduction	14:46 - 14:51
Session I: (Multi)lobar resection versus disconnection	14:51 - 14:51
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Frontal lobe resection Jorge Gonzalez-Martinez (United States)	15:19 - 15:47
Posterior quadrant disconnections Thilo Kalbhenn (Germany)	15:47 - 16:15
Posterior quadrant resection Francesco Cardinale (Italy)	16:15 - 16:43
Temporal lobe resection Anna Miserocchi (United Kingdom)	16:43 - 17:11
The role of MRI in evaluating the completeness of disconnection Horst Urbach (Germany)	17:11 - 17:39
Anatomic hemispherectomy in very young children Mark Dexter (Australia)	17:39 - 18:07

Congress Coffee break AM	18:07 - 18:32
Session II: The earlier the better - surgical implications	18:32 - 18:32
Anaesthesiological challenges and possibilities for epilepsy surgery in very young infants Stefan Eckert (Germany)	18:32 - 19:00
Trends in pediatric epilepsy surgery in the last 20 years: age and country- specific variability Carmen Barba (Italy)	19:00 - 19:28
Epilepsy surgery for non-drug resistant patients Laura Tassi (Italy)	19:28 - 19:56
Surgery for LEATS Guy McKhann (United States)	19:56 - 20:24
Congress lunch break	20:24 - 21:32
Session III: Technology in Epilepsy surgery	21:32 - 21:32
Current concepts and future perspectives in neuromodulation Arthur Cukiert (Brazil)	21:32 - 22:00
Will Artificial Intelligence support surgical planning and decision-making? Luca de Palma (Italy)	22:00 - 22:28
The value of robotic applications in epilepsy surgery Martin Tisdall (United Kingdom)	22:28 - 22:56
Current role and future perspectives of LITT in Europe Karl Rössler (Austria)	22:56 - 23:24
Potentials and Limitations of MRI guided focused ultrasound in the treatment of epilepsy Gordon Baltuch (United States)	23:24 - 23:52
Q&A & Closing	23:52 - 23:52
 <i>Other</i>	
15:00 - 16:30	La Nuvola - Auditorium
Symposium of Excellence in Epileptology Matthew Walker (United Kingdom) Eugen Trinka (Austria)	
Introduction	15:00 - 15:05
The classification of epilepsies: A Veteran Paediatric Epileptologist's View Athanasios Covanis (Greece)	15:05 - 15:31
Gene therapy for focal epilepsy: from basic to translation Gabriele Lignani (United Kingdom)	15:31 - 15:57
Exploring Deep Phenotyping in Developmental and Epileptic Encephalopathies: Unraveling the Complexity Marina Trivisano (Italy)	15:57 - 16:23
Q&A & Closing	16:23 - 16:30

Drug Therapy

15:00 - 16:30

Da Vinci

Treatment of seizures in neonates - something old, something new...

Ronit Pressler (United Kingdom)

Carla Bentes (Portugal)

Introduction

15:00 - 15:05

An old drug with new evidence - phenobarbital for the treatment of neonatal seizures

15:05 - 15:25

Ronit Pressler (United Kingdom)

New approaches for the treatment of neonatal seizures

15:25 - 15:45

Wolfgang Loeschner (Germany)

Using extrapolation from older patients to inform drug development

15:45 - 16:05

Graeme Sills (United Kingdom)

Implications of sex-differences in neonatal seizures for drug development

16:05 - 16:25

Shilpa Kadam (United States)

Q&A & Closing

16:25 - 16:30

Other

15:00 - 16:30

Michelangelo

EAN Symposium

Stephan Rüegg (Switzerland)

Vasilios Kimiskidis (Greece)

Introduction

15:00 - 15:05

The role of EEG in diagnosis, monitoring and outcome prediction in autoimmune encephalitis

15:05 - 15:25

Stephan Rüegg (Switzerland)

The role of EEG in diagnosis and prognosis of coma

15:25 - 15:45

Michel Van Putten (Netherlands)

The role of postsurgical long-term video-EEG as predictive outcome parameter compared to routine EEG

15:45 - 16:05

Bernhard J. Steinhoff (Germany)

The role of AI in EEG interpretation

16:05 - 16:25

Sándor Beniczky (Denmark)

Q&A & Closing

16:25 - 16:30

Epilepsy and Reproductive Health

15:00 - 16:30

Caravaggio

Breastfeeding in women with epilepsy

Bruna Nucera (Italy)

Oliver Johannes Henning (Norway)

Introduction

15:00 - 15:05

The prevalence and benefits of breastfeeding. Do they differ in women with epilepsy?

15:05 - 15:25

Bruna Nucera (Italy)

What we know and don't know of antiseizure medications levels in breastfed infants?

15:25 - 15:45

Torbjörn Tomson (Sweden)

	Drug excretion in breastmilk and drug concentrations in breastfed infants: General principles with emphasis on antiseizure medications	15:45 - 16:05
	Ivana Kacirova (Czech Republic)	
	Cognitive outcomes in children of women taking antiseizure medications while breastfeeding	16:05 - 16:25
	Rebecca Bromley (United Kingdom)	
	Q&A & Closing	16:25 - 16:30
<i>Paediatric Epileptology</i>		
15:00 - 16:30		Raphael
	Epilepsy care for children living in under privileged areas around the world	
	Nicola Specchio (Italy)	
	Francesca Sofia (Italy)	
	Introduction	15:00 - 15:05
	The IGAP and children with epilepsy: how to move forward?	15:05 - 15:25
	Alla Guekht (Russian Federation)	
	Identification of current needs and priority gaps: results from two surveys and review of the current state of literature	15:25 - 15:45
	Marietta Papadopoulou (France)	
	Creating action plans: the state of the art	15:45 - 16:05
	Angela La Neve (Italy)	
	Finding solutions for potential implementation gaps	16:05 - 16:25
	Jo Wilmshurst (South Africa)	
	Q&A & Closing	16:25 - 16:30
<i>Other</i>		
15:00 - 16:30		Meeting Room 1
	Mini EEC Forum - Lafora disease - new advances in pathogenesis and treatment	
	Roberto Michelucci (Italy)	
	Introduction	15:00 - 15:15
	Clinical Features, Diagnostic Challenges, and Prognostic Factors	15:15 - 15:30
	Lorenzo Muccioli (Italy)	
	Molecular mechanisms	15:30 - 15:45
	Cinzia Costa (Italy)	
	Animal models and new therapeutic avenues	15:45 - 16:00
	Jose M. Serratosa (Spain)	
	Experience and challenges from clinical trials	16:00 - 16:15
	Berge Minassian (United States)	
	Q&A & Closing	16:15 - 16:30
<i>Basic Science</i>		
15:00 - 16:30		Meeting Room 2
	Mini EEC Forum - SLC6A1 Patient Advocacy Network Translating Science for Patients	
	Lindsay Randall (United Kingdom)	
	Emma O'Brien (United Kingdom)	
	Introduction	15:00 - 15:10

SLC6A1 Portal	15:10 - 15:20
Katrine Johannessen (Denmark)	
Intrafamilial Variability in Phenotypes	15:20 - 15:35
Ángel Aledo-Serrano (Spain)	
Glycerol Phenylbutyrate drug repurposing trial	15:35 - 15:50
Lindsay Randall (United Kingdom)	
Italian Developments	15:50 - 16:05
Andrea De Colle (Italy)	
Genotype-phenotype correlation	16:05 - 16:05
Susana Boronat (Spain)	
Q&A & Closing	16:05 - 16:20
<i>Other</i>	
15:00 - 16:30	Meeting Room 4
Mini EEC Forum - From bedside to bench to bedside -the circle of technology in epilepsy care	
Caroline Neuray (Belgium)	
Benjamin Brinkmann (United States)	
Introduction	15:00 - 15:15
The center of our attention - patient's expectations towards technology	15:15 - 15:30
Nicolas Zabler (Germany)	
The bridge between seats - physician´s challenges in delivering technology	15:30 - 15:45
Anna Elisabetta Vaudano (Italy)	
The scout for new paths - hurdles in research in technology	15:45 - 16:00
Mark Richardson (United Kingdom)	
The delivery chain - bottlenecks in bringing technology to the market	16:00 - 16:15
Tanja Hellier (Belgium)	
Q&A & Closing	16:15 - 16:30
<i>ILAE YES</i>	
16:30 - 17:00	ILAE YES Booth
ILAE YES Career Development Session - Interview	
Eleni Nikalexi (Germany)	
Introduction	16:30 - 16:35
Interview	16:35 - 16:55
Federico Vigevano (Italy)	
J Helen Cross (United Kingdom)	
Closing	16:55 - 17:00
<i>Neurotechnology</i>	
16:30 - 17:30	Concourse
ILAE Neurotechnology: Open Source Tools: Advantages and limitations	
Ben Sinclair (Australia)	
Limitations	16:30 - 17:00
Tilmann Kluge (Austria)	

Advantages Christian Benar (France)	17:00 - 17:30
<i>Break</i> 16:30 - 17:00 Break, poster viewing, visit exhibition	Exhibition Hall
<i>Adult Epileptology</i> 16:45 - 18:15 Post-stroke epilepsy: prediction, prevention and implications for IGAP Eugen Trinkla (Austria) Alla Guekht (Russian Federation)	Michelangelo
Introduction	16:45 - 16:50
Preventable epilepsies: focus on stroke and implications for IGAP Alla Guekht (Russian Federation)	16:50 - 17:10
Metabolism and Ferroptosis in Epilepsy after stroke Matthias J. Koepp (United Kingdom)	17:10 - 17:30
Latency of post-stroke epilepsy - does it matter? Johan Zelano (Sweden)	17:30 - 17:50
Drugs for prevention of post-stroke epilepsy Eugen Trinkla (Austria)	17:50 - 18:10
Q&A & Closing	18:10 - 18:15
<i>Drug Therapy</i> 17:30 - 18:00 Networking Table - Drugs Emilio Perucca (Australia) Stephanie Schorge (United Kingdom) Meir Bialer (Israel) Cecilie Johannessen Landmark (Norway)	Exhibition Hall

Wednesday, 11. September 2024*Paediatric Epileptology*

08:00 - 09:30

Da Vinci

VIREPA Paediatric EEG & VIREPA MRI**Introduction**

08:00 - 08:05

VIREPA Pediatric EEG

08:05 - 08:45

Monika Eisermann (France)

VIREPA MRI

08:45 - 09:25

Stefan Rampp (Germany)

Q&A & Closing

09:25 - 09:30

Epilepsy Surgery

08:00 - 09:30

Michelangelo

EEC Forum - Surgery for Epilepsies of Genetic Origin: Worth a Shot or Hopeless Cause?

M. Scott Perry (United States)

Introduction

08:00 - 08:15

Should genetic testing be a standard component of pre-surgical evaluation of pediatric drug resistant epilepsy?

08:15 - 08:30

Pavel Krsek (Czech Republic)

Epilepsy surgery in genetic epilepsies where seizure freedom is expected

08:30 - 08:45

Carmen Barba (Italy)

Epilepsy surgery in genetic MRI-negative developmental epileptic encephalopathies

08:45 - 09:00

Ángel Aledo-Serrano (Spain)

Can epilepsy surgery be disease-modifying in genetic DEEs?

09:00 - 09:15

Kees Braun (Netherlands)

Q&A & Closing

09:15 - 09:30

Other

08:00 - 09:30

Caravaggio

Ictal Semiology of Gelastic Seizures: a clue for aetiology?

Gaetano Cantalupo (Italy)

Introduction

08:00 - 08:05

Gelastic Seizures: overview

08:05 - 08:30

Julia Makhalova-Scholly (France)

Detailed Analysis of Ictal semiology in Gelastic Seizures

08:30 - 08:55

Laura Mirandola (Italy)

Brain network of happiness, smile, and laughter

08:55 - 09:20

Fausto Caruana (Italy)

Q&A & Closing

09:20 - 09:30

Social Issues

08:00 - 09:30

Bernini

EEC Forum - The impact of violence on persons with epilepsy and functional (psychogenic nonepileptic) seizures

Barbara Mostacci (Italy)

Introduction	08:00 - 08:15
Prevalence of psychological and physical abuse on persons with epilepsy	08:15 - 08:30
Giulia Battaglia (Italy)	
Gender-based violence and functional/dissociative seizures	08:30 - 08:45
Markus Reuber (United Kingdom)	
Round table - Recognizing and preventing violence in persons with epilepsy and persons with psychogenic seizures	08:45 - 09:15
Coraline Hingray (France)	
Francesca Sofia (Italy)	
Marilisa D'Amico (Italy)	
Q&A & Closing	09:15 - 09:30

Epilepsy Surgery

08:00 - 09:30

Raphael

Red flags for resective surgery following intracerebral investigation: how to predict poor outcome

Jean Gotman (Canada)

Laura Tassi (Italy)

Introduction	08:00 - 08:05
How do we know we have missed the seizure onset and is that a red flag?	08:05 - 08:25
Philippe Kahane (France)	
Can the incorporation of interictal markers improve surgical outcome prediction?	08:25 - 08:45
Stanislas Lagarde (France)	
Are widespread / multiple seizure onset zones necessarily a red flag?	08:45 - 09:05
Laura Tassi (Italy)	
Red flags from the preimplantation evaluation	09:05 - 09:25
Birgit Frauscher (United States)	
Q&A & Closing	09:25 - 09:30

Clinical Neurophysiology

08:00 - 09:30

Meeting Room 1

Mini EEC Forum - How to critically appraise and use results of RCTs on epilepsy in clinical practice

Francesco Brigo (Italy)

Introduction	08:00 - 08:15
Critical appraisal as part of the evidence-based practice (introduction)	08:15 - 08:30
Simona Lattanzi (Italy)	
The mean features of RCTs and the most important risk of bias	08:30 - 08:45
Francesco Brigo (Italy)	
How to critically appraise RCTs on epilepsy	08:45 - 09:00
Anthony Marson (United Kingdom)	

How to apply results of RCTs and meta-analyses of RCTs on epilepsy in clinical practice and public health policies		09:00 - 09:15
Nathalie Jetté (Canada)		
Q&A & Closing		09:15 - 09:30
<i>Other</i>		
08:00 - 09:30		Meeting Room 2
Mini EEC Forum - Patient co-design epilepsy science: How the experience of people with epilepsy can shape the development of novel epilepsy therapies		
Pablo Casillas-Espinosa (Australia)		
Introduction		08:00 - 08:05
The importance of patient involvement in epilepsy		08:05 - 08:20
Francesca Sofia (Italy)		
Torie Robinson (United Kingdom)		
Science guided by patients - developing novel disease-modifying therapies for drug-resistant TLE		08:20 - 08:35
Pablo Casillas-Espinosa (Australia)		
The consumer codesigned outcome epilepsy-Desirability of Outcome Rank (DOOR) as the primary outcome endpoint for the SeLECT Trial for the first medical disease-modification clinical trial in people with drug-resistant epilepsy		08:35 - 08:50
Lucy Vivash (Australia)		
Clinicians' perspective on patient involvement in clinical treatment, follow-up, and decision-making		08:50 - 09:05
Luca de Palma (Italy)		
The importance of carers of children with epilepsy to guide research and clinical decision-making		09:05 - 09:20
Isabella Brambilla (Italy)		
Laura M'Rabet (Netherlands)		
Q&A & Closing		09:20 - 09:30
<i>Clinical Neurophysiology</i>		
09:40 - 11:40		Da Vinci
EEG: present and future		
Federico Vigeveno (Italy)		
Matthew Walker (United Kingdom)		
Introduction		09:40 - 09:50
Interictal EEG: is that enough?		09:50 - 10:15
Guido Rubboli (Denmark)		
Brain machine learning: novel ways of modelling which electrodes should be removed		10:15 - 10:40
Yujang Wang (United Kingdom)		
New long-term recording methods		10:40 - 11:05
Wim van Paesschen (Belgium)		
New insights from intracerebral recordings		11:05 - 11:30
Laura Tassi (Italy)		
Q&A & Closing		11:30 - 11:40

Neuropsychology

09:40 - 11:40

Michelangelo

Making better decisions in epilepsy care: Applying the science of decision making in the epilepsy clinic

Sallie Baxendale (United Kingdom)

Introduction

09:40 - 09:50

Optimism Bias and The Influential Mind

09:50 - 10:20

Neil Garrett (United Kingdom)

Predicting, illustrating, communicating, and optimizing patient-centered outcomes of epilepsy surgery using nomograms and Bayes' theorem

10:20 - 10:50

Bryce Mulligan (Canada)

My choice and how I made it

10:50 - 11:20

Sarah Brown (United States)

Q&A & Closing

11:20 - 11:40

Drug Therapy

10:00 - 11:30

Raphael

EEC Forum - Neuromodulation in drug-resistant epilepsy: pharmacotherapy meets neurostimulation

Ekaterina Patarai (Austria)

Introduction

10:00 - 10:15

Responsive Neurostimulation (RNS) Closed loop Neurostimulation, neurostimulation or neuromodulation - emerging network paradigms as well novel stimulation strategies

10:15 - 10:30

Dawn Eliashiv (United States)

Deep Brain Stimulation - Trends in utilization and expanding options beyond the Anterior Thalamic Nucleus

10:30 - 10:45

Ekaterina Patarai (Austria)

Vagus nerve stimulation meets pharmacotherapy: Goes and No-Goes

10:45 - 11:00

Yaroslav Winter (Germany)

Influence of Neuromodulation on EEG and connectivity

11:00 - 11:15

Lorenzo Ricci (Italy)

Q&A & Closing

11:15 - 11:30

Other

10:00 - 11:30

Meeting Room 3

ILAE Wikipedia Workshop

Nandan Yardi (India)

Aristea Galanopoulou (United States)

Introduction

10:00 - 10:05

How to publish and review in Epilepsia and Epilepsia Open

10:05 - 10:15

Publishing

10:15 - 10:25

Aristea Galanopoulou (United States)

Reviewing

10:25 - 10:35

Aristea Galanopoulou (United States)

The importance of Wikipedia as repository for AI

10:35 - 10:45

Samuel Wiebe (Canada)

Our experience with improving articles on Wikipedia and Expert communities	10:45 - 10:55
Nandan Yardi (India)	
Let's learn to edit on Wikipedia	10:55 - 11:05
Amin Azzam (United States)	
Contributing to Wikipedia	11:05 - 11:15
Jonah Fox (United States)	
How you can generate stub articles	11:15 - 11:25
John Byrne (United Kingdom)	
Q&A & Closing	11:25 - 11:30
<i>Break</i>	
11:30 - 12:00	Exhibition Hall
Break, poster viewing, visit exhibition	
<i>ILAE YES</i>	
11:40 - 12:30	Meeting Room 4
ILAE YES Brainstorming Session - Climate change and neurological disorders in Childhood	
Marietta Papadopoulou (France)	
Introduction	11:40 - 11:45
Climate change and neurological disorders in Childhood	11:45 - 12:05
Alessandra Rossi (Denmark)	
Manuela Lo Bianco (Italy)	
Q&A & Closing	12:05 - 12:10
<i>Drug Therapy</i>	
12:00 - 13:30	Da Vinci
Anti-seizure vs disease-modifying epilepsy medicines: What is in a name?	
Jacqueline French (United States)	
Eleonora Palma (Italy)	
Introduction	12:00 - 12:05
Why we need to abandon "AED" as a term	12:05 - 12:25
Jacqueline French (United States)	
What is a disease modifying epilepsy medicine?	12:25 - 12:45
Emilio Perucca (Australia)	
Anti-seizure vs disease modifying mechanisms	12:45 - 13:05
Rossella Di Sapia (Italy)	
Clinical trial designs to demonstrate disease modification	13:05 - 13:25
Lieven Lagae (Belgium)	
Q&A & Closing	13:25 - 13:30
<i>Genetics</i>	
12:00 - 13:30	Michelangelo
Assessing the impact of genetic diagnosis in clinical care of children and adults with epilepsy	
Christian Korff (Switzerland)	
Gaetan Lesca (France)	
Introduction	12:00 - 12:05

Impact of Genetic Testing on Therapeutic Decision-Making in Childhood-Onset Epilepsies	12:05 - 12:25
Allan Bayat (Denmark)	
Genetic Diagnosis Impacts Medical Management for Adult-onset Epilepsies	12:25 - 12:45
Danielle Andrade (Canada)	
Does the genetic diagnosis in adults with DEE matter?	12:45 - 13:05
Francesca Bisulli (Italy)	
Real-life survey of pitfalls and successes of precision medicine in children and adults with genetic epilepsies	13:05 - 13:25
Simona Balestrini (Italy)	
Q&A & Closing	13:25 - 13:30
<i>Psychiatry</i>	
12:00 - 13:30	Caravaggio
Epilepsy and aggression: from brain networks to human behavior	
Flavio Villani (Italy)	
Marco Mula (United Kingdom)	
Introduction	12:00 - 12:05
Violence and epilepsy: an historical and cultural perspective	12:05 - 12:25
Júlia Gyimesi (Hungary)	
Peri-ictal aggressive behavior	12:25 - 12:45
Marco Mula (United Kingdom)	
Ictal aggression networks: the SEEG contribution	12:45 - 13:05
Fabrice Bartolomei (France)	
Violence during sleep: seizure or parasomnia?	13:05 - 13:25
Lino Nobili (Italy)	
Q&A & Closing	13:25 - 13:30
<i>Neuroimaging</i>	
12:00 - 13:30	Bernini
Addressing challenges and opportunities in the globalization of epilepsy imaging	
Anna Elisabetta Vaudano (Italy)	
Arjune Sen (United Kingdom)	
Introduction	12:00 - 12:05
Introduction: globalization of epilepsy brain studies: modalities and countries	12:05 - 12:25
Sanjay Sisodiya (United Kingdom)	
Big data approaches to global imaging studies	12:25 - 12:45
Erik Kaestner (United States)	
Global approaches to cross-disorder analyses and methods: learning from beyond epilepsy	12:45 - 13:05
Sofie Valk (Germany)	
Challenges and Perspectives of Obtaining MRIs in Resource-Limited regions	13:05 - 13:25
Arjune Sen (United Kingdom)	
Q&A & Closing	13:25 - 13:30

Basic Science

12:00 - 13:30

Raphael

Closing the treatment gap in Dravet syndrome: approaches of the EJP-RD SCN1A-UP! Project

Massimo Mantegazza (France)

Gabriele Lignani (United Kingdom)

Introduction

12:00 - 12:05

Current clinical treatments and needs for Dravet syndrome

12:05 - 12:25

Rima Nabbout (France)

Boosting homeostatic responses in DS models

12:25 - 12:45

Massimo Mantegazza (France)

Identifying and targeting pathologic remodeling

12:45 - 13:05

Daniëlle Copmans (Belgium)

Human iPSCs-derived neurons for screens of therapeutic approaches in DS

13:05 - 13:25

Nael Nadif Kasri (Netherlands)

Q&A & Closing

13:25 - 13:30

Other

12:00 - 13:30

Meeting Room 1

Mini EEC Forum - Using and reporting neurotechnology in epilepsy research: editorial insights from the Epilepsia Open inaugural interns

Aristea Galanopoulou (United States)

Introduction

12:00 - 12:15

Artificial Intelligence and machine learning in preclinical epilepsy research - the promise and challenges for preclinical epilepsy research

12:15 - 12:30

Jesús Servando Medel Matus (United States)

Optimizing the reporting of advanced neuroimaging studies in epilepsy

12:30 - 12:45

Giulia Sofia Cereda (Italy)

Optimizing the reporting of brain network analysis of individuals with epilepsy using neurophysiology studies

12:45 - 13:00

Naoto Kuroda (Japan)

How to write a neurotechnology paper - general recommendations and insights from reviewer comments

13:00 - 13:15

Pedro F. Viana (United Kingdom)

Q&A & Closing

13:15 - 13:30

Clinical Neurophysiology

12:00 - 12:30

Meeting Room 3

Networking Table - Neurophysiology

Guido Rubboli (Denmark)

Yujiang Wang (United Kingdom)

Wim van Paesschen (Belgium)

Laura Tassi (Italy)

Other

13:30 - 15:00

Da Vinci

Congress Highlights

Matthew Walker (United Kingdom)

Nicola Specchio (Italy)

Introduction

13:30 - 13:40

Pharmacology Highlights

13:40 - 13:52

Cecilie Johannessen Landmark (Norway)

Paediatrics Highlights

13:52 - 14:04

Nicola Specchio (Italy)

Clinical Highlights

14:04 - 14:16

Laura Tassi (Italy)

Basic Sciences Highlights

14:16 - 14:28

Eleonora Aronica (Netherlands)

Neurosurgery Highlights

14:28 - 14:40

Christian Dorfer (Austria)

Psychology Highlights

14:40 - 14:52

Sallie Baxendale (United Kingdom)

Closing

14:52 - 15:00