

## SCIENTIFIC PROGRAMME

### MAY 3, 2018

#### Meeting room 1+2

**09:00–10:40** Plenary Session 1 – Contemplative practice and epilepsy  
Chairs: P. Engel / A. Korczyn

09:00–09:20 **P. Engel:**  
Introduction: The neuroanatomy of meditation and its relevance for epilepsy

09:20–09:40 **I. Savic-Berglund:**  
The neuroanatomy of stress processes and their relevance for epilepsy

09:40–10:00 **A. Mehta:**  
Neural correlates of top down influences on breathing

10:00–10:20 **F. Picard:**  
Ecstatic seizures, mindfulness and the role of the insula

10:20–10:40 **Discussion**

**10:40–11:00** Coffee Break

#### Meeting room 1

**11:00–12:40** Session I – Mapping the Mind in Epilepsy: functional Imaging and electrocortical stimulation of language and memory functions  
Chairs: W. H. Theodore / M. Kucewicz

11:00–11:20 **M. Koepp:**  
fMRI and memory in epilepsy

11:20–11:40 **B. Jobst:**  
Epileptic discharges and their effect upon memory

11:40–12:00 **M. Sperling:**  
Modifying memory through brain stimulation

12:00–12:20 **W. H. Theodore:**  
Language mapping with fMRI and Direct Cortical stimulation: complements and contrasts

12:20–12:40 **Discussion**

### Meeting room 2

**11:00–12:40 Session II – Psychogenic Non-epileptic Seizures: The evolution and current stauts of Freud’s hysteria**  
**Chairs: G. Risse / M.Brázdil**

11:00–11:10 **A. Korczyn:**  
**Introduction**

11:10–11:30 **W. C. La France:**  
**Historical Interventions and Current Evidence-Based Treatment of Adult PNES**

11:30–11:50 **L. H. Goldstein:**  
**Controlled Clinical Trials in the Treatment of Adult PNES: Different approaches**

11:50–12:10 **J. Doss:**  
**Pediatric PNES: A unique approach to treatment with successful outcomes**

12:10–12:30 **G. Rawlings:**  
**The Subjective Experience of PNES**

12:30–12:40 **Discussion**

**12:40–13:50 Lunch**

### Meeting room 1

**13:50–15:30 Session III – The influence of mood on perception of memory and quality of life in epilepsy**  
**Chairs: M. Sperling / A. Kanner**

13:50–14:10 **M. Jones-Gotman:**  
**How does mood affect memory in people with epilepsy?**

14:10–14:30 **S. Baxendale:**  
**Do people with epilepsy accurately perceive their memory, and how does mood influence their perception?**

14:30–14:50 **J. Tracey:**  
**What do we mean by “quality of life:” The relationship between mood and quality of life in epilepsy**

14:50–15:10 **M. Sperling:**  
**Should electrical stimulation be considered to treat mood disorders in epilepsy?**

15:10–15:30 **Discussion**

### Meeting room 2

**13:50–15:30** **Session IV – Social cognition and emotion recognition in epilepsy – distinct domains or uniform package?**

**Chairs: P. Marusič / V. Donáth**

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13:50–14:10 **B. Metternich:**  
**Social cognition in epilepsy patients**

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14:10–14:30 **J. Amlerová:**  
**Is social cognition independent of emotion recognition?**

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14:30–14:50 **S. Meletti:**  
**Emotion recognition of faces and prosody – do they link to each other?**

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14:50–15:10 **H. Jokeit:**  
**How to access social cognition and emotion recognition**

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15:10–15:30 **Discussion**

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**15:30–16:00** **Coffee Break**

### Meeting room 1

**16:00–18:20** **Session V – Extra-operative language mapping using power spectra modulations in intracranial signals: networks, connectivity, and post-operative outcomes.**

**Chairs: R. Arya/V. Komárek**

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16:00–16:20 **R. Arya:**  
**Language mapping with ECoG high-gamma modulation vis-à-vis electrical cortical stimulation**

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16:20–16:40 **N. E. Crone:**  
**Spatial temporal network dynamics of functional mapping with ECoG spectral modulation**

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16:40–17:00 **A. Babajani-Feremi:**  
**Multimodal concordance and post-operative language outcomes driven by high-gamma ECoG mapping**

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17:00–17:20 **Discussion**

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17:20–18:20 **SPECIAL SESSION**

**Chair: A. Korczyn**

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**I. Rektor et al:**  
**Neurobiological and psychological markers of reaction to extreme stress – three generation study of holocaust survivors and their offspring**

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## Meeting room 2

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**16:00-18:20** Session VI – Selfinduction: what makes it so special?

**Chairs: D. Kasteleijn / B. Jobst**

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16:00-16:20 **D. Kasteleijn:**  
Self-induction: the spectrum

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16:20-16:40 **J. Janszky:**  
Role of the Insula; overlap between self-induction and ecstatic seizures

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16:40-17:00 **L. Lagae:**  
Is treatment of selfinduction in Dravet syndrome special?

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17:00-17:20 **Discussion**

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**19:00-19:15** **Openig Ceremony**

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**19:15-21:00** **Welcome Cocktail**

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MAY 3, 2018

## MAY 4, 2018

### Meeting room 1+2

**07:30–08:30** Poster session – discussion  
Chairs: M. Pail / I. Ravník

**08:30–10:10** Plenary Session 2 – Cognitive Enhancement with Brain Stimulation  
Chairs: G. Worell / M. Koepp

08:30–08:50 **G. Worrel:**  
Spectrum of Cognitive Disorders in Epilepsy

08:50–09:10 **M. Brázdil:**  
Cognitive tasks & Electrophysiological Biomarkers

09:10–09:30 **M. Kucewicz:**  
Cognitive enhancement and biomarkers

09:30–09:50 **F. Fahoum:**  
Experiential phenomena elicited by electrical brain stimulation

09:50–10:10 **Discussion**

**10:10–10:30** Coffee Break

**10:30–12:10** Plenary Session 3 – Mechanisms of Consciousness and How Epilepsy Disrupts It  
Chairs: K. J. Meador / I. Rektor

10:30–10:50 **K. J. Meador:**  
Overview: Mechanisms of Consciousness

10:50–11:10 **B. Razavi:**  
Epilepsy and Consciousness: Role of Re-entrant Processing and State Changes

11:10–11:30 **A. Giovagnoli:**  
Theory of Mind and Frontal Lobe Epilepsy

11:30–11:50 **V. Komárek:**  
The Dawn of Mind in Human Brain – Accelerating and Retarding

11:50–12:10 **Discussion**

**12:10–13:20** Lunch



### Meeting room 1

**13:20–15:00** Session VII – How to distinguish epilepsy in dementia from memory loss in epilepsy  
Chairs: A. Zeman / F. Picard

13:20–13:50 **A. Zeman:**  
Transient Epileptic Amnesia and the Epileptic Amnesic Syndrome

13:50–14:15 **I. Leppik:**  
The Effects of Antiseizure Drugs on Cognition in the Elderly

14:15–14:40 **S. Lah:**  
Accelerated long-term forgetting in epilepsy and other conditions

14:40–15:00 **Discussion**

### Meeting room 2

**13:20–15:00** Session VIII – Epilepsy in the Age of Social Media  
Chairs: W. Emde Boas / G. Kraemer

13:20–13:40 **G. Krämer:**  
Epilepsy & The Internet: the ILAE Wikipaedia Initiative

13:40–14:00 **B. Crane:**  
Applications of Social media in Epilepsy

14:00–14:20 **R. Thomas:**  
The pitfalls and potential of social media for epileptologists

14:20–14:40 **A. Nash:**  
What's up with WhatsApp? New Opportunities for people with epilepsy

14:40–15:00 **Discussion**

**15:00–15:30** Coffee Break

### Meeting room 1

#### 15:30–17:30 Session IX – Cannabis Derivates and Epilepsy

Chairs: M. Brodie / J. Janszky

15:30–15:50 **M. J. Brodie:**  
Introduction and History

15:50–16:10 **M. Bialer:**  
Pharmacokinetics and medicinal chemistry

16:10–16:30 **H. Cross:**  
Efficacy and Clinical Trials

16:30–16:50 **E. Ben-Menachem:**  
Tolerability and safety

16:50–17:10 **I. Leppik:**  
Problems and Solutions

17:10–17:30 **Discussion**

### Meeting room 2

#### 15:30–17:30 Session X – Preoperative depression and postsurgical epilepsy outcomes

Chairs: H. Hecimovic / M. Jones-Gotman

15:30–15:50 **H. Hecimovic:**  
Neurobiology of depression in epilepsy

15:50–16:10 **F. Gilliam:**  
Neuroimaging of depression in epilepsy

16:10–16:30 **A. Kanner:**  
Depression as a risk factor for poorer epilepsy surgery outcome

16:30–16:50 **A. Javůrková / P. Marusič:**  
Preoperative psychiatric symptoms and postoperative seizure control

17:10–17:30 **Discussion**

**20:00–23:00 Congress Dinner**

## MAY 5, 2018

### Meeting room 1+2

**08:00-09:00 Poster session – discussion**

**Chairs: E. Ben-Menachem / J. Kruja**

**09:00-10:50 Plenary Session 4. – Epilepsy and The Musical Brain**

**Chairs: M. Mula / H. Cross**

**09:00-09:10 I. Rektor:**

**Music in Brain – Introduction**

**09:10-09:30 S. Samson:**

**The neural signature of musical emotion in temporal lobe epilepsy**

**09:30-09:50 M. Mula:**

**Negative effects of epilepsy and its treatment on the musical brain**

**09:50-10:10 Y. Nagai:**

**Music and the Autonomic System**

**10:10-10:30 I. Rektor / K. Štillová:**

**Why is Mozart better than Haydn? Antiepileptic effect of classical music. A SEEG study**

**10:30-10:50 Discussion**

**10:50-11:20 Coffee Break**

**11:20-13:00 Plenary Session 5 – Epilepsy and the moving Image: fun, facts and fantasy**

**Chairs: M. Bialer / S. Baxendale**

**11:20- 11:40 W. van Emde Boas:**

**Epilepsy and the moving Image: from stop-motion animation to Video-EEG monitoring**

**11:40-12:00 S. Baxendale:**

**Myths and Misconceptions on the Silver Screen: A Historical perspective**

**12:00-12:20 A. Sen:**

**New media, ancient ideas. How You Tube perpetuates ancient stereotypes in the 21<sup>st</sup> Century**

**12:20-12:40 Epilepsy on screen: some early samples**

**12:40-13:00 Discussion**

**Congress closing – Do we need an epilepsy, brain and mind meeting?**