

Nordic Congress of Clinical Neurophysiology & Kuopio Epilepsy Symposium 2017

March 15-17, 2017



www.uef.fi/kuopioepilepsysymposium

Wednesday, March 15, 2017

Nordic Congress of Clinical Neurophysiology

08.00 - Registration

09.00 - 09.05 Opening of the Symposium Prof. Esa Mervaala (Finland)

Evidence-based Clinical Use of TMS and Close-future Prospectives

Chair: Prof. Satu Jääskeläinen (Finland) & Prof. Petro Julkunen (Finland)

09.05 - 09.30 Introduction to TMS in clinics Prof. Satu Jääskeläinen (Finland)

09.30 - 09.50 TMS in therapy Prof. Petro Julkunen (Finland)

09.50 - 10.10 TMS in epilepsy Prof. Vasilios Kimiskidis (Greece)

10.10 - 10.50 Key Note: TMS - state of the art 2017 Prof. Risto Ilmoniemi (Finland)

10.50 - 11.20 Coffee/Exhibition/Posters

Sleep as Individual and Global Concern

Chair: Prof. Sari-Leena Himanen (Finland) & Prof. Juha Töyräs (Finland)

11.20 - 11.50 Key Note: Comprehensive approach to sleep studies Prof Carlo Alberto Tassinari (Italy)

11.50 - 12.20 Polygraphy – just for sleep apnea ? Prof. Ariel Oksenberg (Israel)

12.20 - 12.50 Polysomnography – beyond sleep-related disorders? Prof. Liborio Parrino (Italy)

12.50 - 14.00 Lunch/Exhibition/Posters

Long-term EEG-monitoring Services

Chair: Prof. Esa Mervaala (Finland) & Prof. Reetta Kälviäinen (Finland)

14.00 - 14.30 Organization and safety of video-EEG-monitoring Prof. Guido Rubboli (Denmark)

14.30 - 15.00 Best practice of video-EEG monitoring in adults Dr. Leena Jutila, Dr. Anu Muraja-Murro (Finland)

15.00 - 15.30 Best practice of video-EEG monitoring in children and neonates
Adj. Prof. Liisa Metsähonkala, Prof. Sampsa Vanhatalo (Finland)

15:30 - 16:00 Best practice for the use of EEG in the ICU
Prof. Michel Van Putten

16.00 - 16.30 Discussion

Opening Reception and Get Together, Kuopio City Hall

18.00 – 20.00 Welcome Remarks
University of Eastern Finland
City of Kuopio

Thursday , March 16, 2017



Joint Nordic Congress of Clinical Neurophysiology & Kuopio Epilepsy Symposium 2017

08:00 - Registration

Status Epilepticus Update

Chairs: Adj.Prof. Mika Kallio (Finland) and Prof. Seppo Soynila (Finland)

09.00 - 09.45 Key Note: Recent Advances of in Status Epilepticus Prof. Simon Shorvon (UK)

09.45 - 10.15 The role of EEG in the weaning of anesthesia in status epilepticus Prof. Stephan Rüegg (Switzerland)

10.15 - 10.45 Non-convulsive status epilepticus: Current EEG criteria Prof. Sandor Beniczky (Denmark)

10.45 - 11.15 Coffee/Exhibition/Posters

Predicting Seizures and Risk of SUDEP

Chairs: Adj. Prof. Erika Kirveskari (Finland) and Prof. Juha E Jääskeläinen (Finland)

11.15 - 11.45 Key Note: Seizure prediction and brain dynamics: insights from long-term monitoring
Prof. Mark Cook (Australia)

11.45 - 12.15 Do EEG- and ECG-features predict future SUDEP ? Rainer Surges (Germany)

12.15 - 12.45 Brain networks in epilepsy Pål Larsson (Norway)

12.45 -13.00 Discussion

13.00 - 14.15 Lunch/Exhibition/Posters

Myoclonus

Chair: Prof. Sampsa Vanhatalo (Finland) and Dr. Hanna Ansakorpi (Finland)

14.15 - 14.45 Cortical excitability Prof. Esa Mervaala (Finland)

14.45 - 15.15 Video-session of different forms of myoclonus and related syndromes
Dr. Elena Gardella (Denmark)

15.15 - 15.35 How to quantitate myoclonus ? Dr. Jelena Hyppönen (Finland)

15.35 - 16.15 Treatment options for myoclonus Prof. Reetta Kälviäinen (Finland)

16.15-16.30 Discussion

Banquet

18.30 - 19:30 Vaajasalo Foundation Young Investigator Award
Epilepsy Foundation Awards

19:30 - 22:00 Banquet

Friday, March 17, 2017



Kuopio Epilepsy Symposium 2017

Genetics and Biomarkers for Epilepsy

Chairs: Prof. Reetta Kälviäinen (Finland) and Prof. Johanna Uusimaa (Finland)

09.00 - 09.30 History of epilepsy genetics - to what extent is epilepsy genetic? Prof. Simon Shorvon (UK)
09.30 - 10.00 Role of biomarkers in epilepsy research Prof. Felix Rosenow (Germany)
10.00 - 10.30 Biomarkers for stratified epilepsy treatment Prof. Michael Johnson (UK)
10.30-11.00 Coffee/Exhibition/Posters

Advances in Treatment I

Chairs: Adj. Prof. Tapani Keränen (Finland) and Dr. Jarkko Kirjavainen (Finland)

11.00 - 11.15 Benzodiazepines for acute seizures Prof. Seppo Soinila (Finland)
11.15 - 11.30 Brivaracetam Adj. Prof. Tapani Keränen (Finland)
11.30 - 11.45 Perampanel Dr. Sirpa Rainesalo (Finland)
11.45 - 12.00 Everolimus Dr. Päivi Vieira (Finland)
12.00 - 12.15 Neuroactive steroids Adj.Prof. Nina Forss (Finland)
12.15 - 12.30 Cannabinoids Dr. Terhi Pirttilä (Finland)
12.30 -12.45 Discussion

Parallel Session:

Clinical Neurophysiology in Critical Care Patients/Neurointensive Care

Chairs: Dr. Hanna Heinonen (Finland) and Dr. Anne-Mari Kantanen (Finland)

11.00 - 11.30 The use of EEG in the ICU Prof. Stephan Rüegg (Switzerland)
11.30 - 12.00 Clinical neurophysiology for predicting coma outcome Prof. Stephan Rüegg (Switzerland)
12.00 - 12.30 EEG and SEP recordings for NICU patients Adj. Prof. Leena Lauronen (Finland)
12.30 - 12.45 Discussion
12.45 - 14.00 Lunch/Exhibition/Posters

Advances in Treatment II

Chair: Dr. Markus Müller (Finland) and Prof. Jukka Peltola (Finland)

14.00 - 14.20 Advances in vagal nerve stimulation Prof. Lieven Lagae (Belgium)
14.20 - 14.50 Deep brain stimulation and cortical stimulation Prof Jukka Peltola (Finland)
14.50 - 15.10 Non-invasive options of neuromodulation Prof. Anne Sabers (Denmark)
15.10 - 15.30 Dietary treatments Adj. Prof. Eija Gaily (Finland)
15.30 - 15.50 Hot topic in March 2017 TBC
15.50 - 16.00 Closing of the Symposium Program Co-Chair, Prof. Reetta Kälviäinen