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 - 09.00  Registration/exhibition/coffee
09.00 - 09.05  Opening of the Symposium Program Co-Chair, Prof. Esa Mervaala (Finland)

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

Chairs: 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

Chairs: 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 for Obstructive Sleep Apnea – is it all about Apnea-Hypopnea Index (AHI)? Prof. Arie 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

Chairs: 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 Ad j. 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 (the Netherlands)
16.00 - 16.30  Discussion
16.30 - 18.00  Annual Meeting of Finnish Association of Pediatric Neurology (Concert Hall)

Opening Reception and Get Together (Kuopio City Hall, Tulliportinkatu 31)

18.00 – 19.30  Welcome Remarks
              City of Kuopio
              University of Eastern Finland
Thursday, March 16, 2017

Joint Nordic Congress of Clinical Neurophysiology &
Kuopio Epilepsy Symposium 2017

08.00 - 09.00  Registration/exhibition/coffee

Status Epilepticus Update

Chairs: Adj. Prof. Mika Kallio (Finland) and Prof. Seppo Soinila (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?  Prof. Rainer Surges (Germany)
12.15 - 12.45  Brain networks in epilepsy  Prof. Pål Larsson (Norway)
12.45 -13.00  Discussion
13.00 - 14.15  Lunch/Exhibition/Posters

Myoclonus

Chairs: 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 (Kuopio Music Centre, Kuopionlahdenkatu 23)

18.30 - 19:30  Vaajasalo Foundation Young Investigator Awards
              Finnish Epilepsy Research Foundation Awards
              Finnish Society of Clinical Neurophysiology Honorary 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)

08.00 - 09.00  Registration/exhibition/coffee
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
10.30 - 11.00  Annual Meeting of Finnish Epilepsy Society (Concert Hall)

Advances in Treatment I (Concert Hall)

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
12.45 - 14.00  Lunch/Exhibition/Posters

Parallel Session (Chamber Music Hall):
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

Chairs: 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  Epilepsy goes digital:
15.30 - 15.40  European reference network for rare and complex epilepsies, EpiCare Prof. Reetta Kälviäinen (Finland)
15.40 - 15.50  Virtual hospital, epilepsy Dr. Kaisa Kotisaari (Finland)
15.50 - 16.00  Closing of the Symposium Program Co-Chair, Prof. Reetta Kälviäinen (Finland)
Organizers

Neurocenter/Epilepsy Center and Imaging Center, Kuopio University Hospital
Finnish Epilepsy Society
Finnish Epilepsy Association
Finnish Association of Pediatric Neurology
Finnish Society of Clinical Neurophysiology
UEF Doctoral Programme of Clinical Research

Scientific Organizing Committee

Program Co-Chair: Professor Reetta Kälviäinen
Program Co-Chair: Professor Esa Mervaala
Adj. Professor Eija Gaily
Professor Sari-Leena Himanen
Professor Petro Julkunen
Professor Juha E. Jääskeläinen
Professor Satu Jääskeläinen
Adj. Professor Mika Kallio
Head of Department Jarkko Kirjavainen
Professor Sampsa Vanhatalo
Dr. Leena Jutila
Secretary: Maarit Närhi

Web Address

www.uef.fi/kuopioepilepsysymposium

Abstract Book

Abstract book will be available in the web page – please see the left column.

WIFI

Free WLAN – panKUOPIO, no password - is available at the symposium venue.