



# 第51回日本てんかん学会学術集会(京都) ポストコングレス① Advanced ECoG/EEG Analysis in Epilepsy

本企画は、基礎・理論系の研究者がてんかん研究に、臨床家が最新の信号解析法や数学理論に、相互に交流して、てんかん病態・脳機能の解明と、解析法の臨床応用への展開に向けて、双方の協力関係がさらに発展することを目的としております。

どなたでも参加頂けますので、奮ってご参加下さい (参加無料)。

**Date** November 5 (Sun), 2017 13:00-18:30

**Venue** Kyoto International Conference Center, Room D

## Program : Lectures and poster presentation

13:00-13:05 Opening Remarks Prof. Akio Ikeda

13:05-14:55 Session 1 Advanced ECoG/EEG analysis for probing brain functions

Chair: Prof. Shozo Tobimatsu, Prof. Atsuo Fukuda

1) Advancing Passive ECoG-Based Brain Mapping

Dr. Gerwin Schalk (National Center for Adaptive Neurotechnologies, USA)

2) Real-time ECoG Mapping and Decoding for Neurosurgical Strategy

Prof. Kyosuke Kamada (Asahikawa Medical University)

3) Cortico-cortical evoked potentials & spectral responses to probe connectivity and cortical excitability

Dr. Riki Matsumoto (Kyoto University)

14:55-15:35 Break and Poster Viewing

15:35-17:25 Session 2 Advanced ECoG/EEG analysis for probing epileptogenicity

Chair: Prof. Amami Kato, Prof. Hitoshi Yamamoto

4) The complex road from intracerebral to scalp EEG

Prof. Jean Gotman (MNI, Canada)

5) Permutation entropy and transcripts in epileptic seizure time-series data

Dr. Kohei Nakajima (Tokyo University)

6) Wideband ECoG analysis and modeling of seizure generation

Dr. Masao Matsuhashi (Kyoto University)

17:20-17:25 Closing remarks Prof. Taketoshi Maehara

17:30-18:30 Reception with Poster Viewing (at Room B)

### Cosponsored by

JSPS Grant-in-Aid for Scientific Research on Innovative Areas "Neuro-oscillology", g.tech medical engineering GmbH, Miyuki-Giken Co., Ltd, NIHON KOHDEN CORPORATION, Unique Medical Co., Ltd. (Alphabetical order)

### Management Secretariat

The 51st Annual Congress of the Japan Epilepsy Society in KYOTO Convention Linkage, Inc.  
Shichikannon-cho, Rokkaku-sagaru, Karasuma-dori,  
Nakagyo-ku Kyoto City 604-8162, Japan  
E-mail : jes51@c-linkage.co.jp