



第51回日本てんかん学会学術集会(京都) ポストコンgress① 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 Matsushashi (Kyoto University)
- 17:20-17:25 **Closing remarks Prof. Taketoshi Maehara**
- 17:30-18:30 **Reception with Poster Viewing (at Room D)**

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Management Secretariat

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