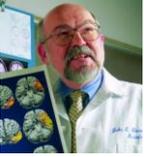


CADET Workshop 2009 Timetable

2009/03/28 (SAT)

8 : 0 0 –	Reception	
8 : 3 0 – 9 : 0 0	Opening Ceremony	
9 : 0 0 – 1 0 : 0 0 Invited Talk 1	Biomagnetic and Neuromagnetic Approaches to the Study of Epilepsy Prof. Shoogo Ueno, Kyushu University, Japan Session Chair: Prof. Michiyasu Suzuki, Yamaguchi University	
1 0 : 0 0 – 1 0 : 1 5	Coffee break	
1 0 : 1 5 – 1 1 : 1 5 Invited Talk 2	What's the difference between EEG and MEG in practice? Prof. Nobukazu Nakasato, Kohnan Hospital/Tohoku University, Japan Session Chair: Prof. Toshimitsu Musha, Brain Functions Laboratory, Inc.	
1 1 : 1 5 – 1 1 : 3 0	Coffee break	
1 1 : 3 0 – 1 2 : 3 0 Invited Talk 3	Comparative and Combined MEG-EEG Source Modeling in Epilepsy Evaluations Prof. John S. Ebersole, The University of Chicago, U.S.A Session Chair: Prof. Masami Fujii, Yamaguchi University	
1 2 : 3 0 – 1 3 : 3 0	Lunch	
1 3 : 3 0 – 1 4 : 3 0 Invited Talk 4	Source analysis of interictal spikes in EEG and MEG Prof. Michael Scherg, MEGIS Software GmbH, Germany Session Chair: Prof. Takeshi Yamakawa, Kyushu Institute of Technology	
1 4 : 3 0 – 1 4 : 4 5	Coffee break	
1 4 : 4 5 – 1 5 : 4 5 Invited Talk 5	Neuronal Abnormality Topography(NAT) Prof. Toshimitsu Musha, Brain Functions Laboratory, Inc., Japan Session Chair: Prof. Yuji Owada, Yamaguchi University	
1 5 : 4 5 – 1 6 : 0 0	Coffee break	
1 6 : 0 0 – 1 7 : 0 0 Invited Talk 6	Realistic modeling and interpretation of depth-EEG signals recorded during inter-ictal to ictal transition in temporal lobe epilepsy Prof. Fabrice Wendling, Universite de Rennes, France Session Chair: Prof. Kunihiko Fukushima, Kansai University	

2009/03/29 (SUN)

8 : 1 5 – 9 : 1 5 Invited Talk 7	Combining EEG and fMRI to study the epileptic focus Prof. Jean Gotman, McGill University, Canada Session Chair: Prof. Shun-ichi Amari, RIKEN Brain Science Institute	
9 : 1 5 – 9 : 3 0	Coffee break	

<p>9 : 3 0 – 1 0 : 3 0 Invited Talk 8</p>	<p>Distributed Source Imaging of High Density EEG in Epilepsy Prof. Christoph M. Michel, University Hospital of Geneva, Switzerland</p> <p>Session Chair: Prof. Minoru Tsukada, Tamagawa University</p>	
<p>1 0 : 3 0 – 1 0 : 4 5</p>	<p>Coffee break</p>	
<p>1 0 : 4 5 – 1 1 : 4 5 Invited Talk 9</p>	<p>High-definition displays of brain activity give access to order parameters that underlie epileptic seizures Prof. Walter J. Freeman, UC Berkeley, U.S.A</p> <p>Session Chair: Prof. Ryoji Suzuki, Kanazawa Institute of Technology</p>	
<p>1 1 : 4 5 – 1 2 : 4 5</p>	<p>Lunch</p>	
<p>1 2 : 4 5 – 1 3 : 1 5 CADET Project 1</p>	<p>Focal brain cooling suppresses epileptic discharges in experimental models of epilepsy ¹Masami Fujii, ¹Hiroshi Fujioka, ¹Takayuki Oku, ¹Nobuhiro Tanaka, ¹Hirochika Imoto, ¹Sadahiro Nomura, ¹Eiichi Suehiro, ¹Hirosuke Fujisawa, ²Ichiro Kunitsugu, ³Takahiro Yamashita, ³Takashi Saito, ⁴Zimin Lev Grigorievich, ⁴Takeshi Yamakawa and ¹Michiyasu Suzuki ¹Departments of Neurosurgery, ²Public Health and ³Applied Medical Engineering Science, Graduate School of Medicine Yamaguchi University. ⁴Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology Session Chair: Prof. Takeshi Yamakawa, Kyushu Institute of Technology</p>	
<p>1 3 : 1 5 – 1 3 : 4 5 CADET Project 2</p>	<p>Focal Brain Cooling as an Alternative Therapy for Intractable Epilepsy ¹Hiroshi Fujioka, ¹Masami Fujii, ¹Hirochika Imoto, ¹Eiichi Suehiro, ¹Sadahiro Nomura, ¹Hirosuke Fujisawa, ²Takashi Saito, ³Takeshi Yamakawa, and ¹Michiyasu Suzuki ¹Departments of Neurosurgery and ²Department of Applied Medical Engineering Science, Graduate School of Medicine Yamaguchi University. ³Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology Session Chair: Prof. Takeshi Yamakawa, Kyushu Institute of Technology</p>	
<p>1 3 : 4 5 – 1 4 : 0 0</p>	<p>Coffee break</p>	
<p>1 4 : 0 0 – 1 4 : 3 0 CADET Project 3</p>	<p>Design and development of microelectrodes and dedicated circuits for IC-EEG measurement and electric stimulation Toshitaka Yamakawa Department of Electrical and Electronics Engineering, Faculty of Engineering, Shizuoka University Session Chair: Prof. Michiyasu Suzuki, Yamaguchi University</p>	
<p>1 4 : 3 0 – 1 5 : 0 0 CADET Project 4</p>	<p>Plasticity Destruction of polar Excitations in Frog Sciatic Nerve Using Semiconductor Pulse Laser Irradiation Yuya Hirayama, Takeshi Yamakawa, Satoru Ishizuka and Zimin Lev Grigorievich Department of Brain Science and Engineering, Kyushu Institute of Technology Session Chair: Prof. Michiyasu Suzuki, Yamaguchi University</p>	

15 : 00 – 15 : 30 CADET Project 5	Cryogenic probe for brain surgery Zimin Lev Grigorievich and Takeshi Yamakawa Department of Brain Science and Engineering, Kyushu Institute of Technology Session Chair: Prof. Michiyasu Suzuki, Yamaguchi University
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2009/03/30 (MON)

8 : 00 – 10 : 00	Confidential Meeting
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