

EMBC 2012 Presentations by SCCN Members

Date	Time	Paper title or activity	Authors	Session	Room
Monday August 27	8:30- 5:00	Brain-Machine-Body Interface Workshop	Scott Makeig (keynote) , others TBA	Full day workshop	
Tuesday August 28	8:30- 5:30	EEGLAB: An Open Software Environment for Electrophysiological Brain Imaging	Scott Makeig, Arno Delorme, Jason Palmer, Zeynep Akalin Acar, Nima Bigdely-Shamlo, Tim Mullen, Christian Kothe	Full day workshop	
Tuesday August 28	8:30- 5:30	Brain Dynamics in Human Motor Control	Jose Carmena, Gert Cauwenberghs, Todd Coleman, Eberhard Fetz, Scott Makeig , David Peterson, Howard Poizner, Terry Sejnowski	Full day workshop	
Wednesday August 29	08:15- 08:30	Modeling Electrocortical Source Dynamics in Epilepsy WeA17.2	Zeynep Akalin Acar, Tim Mullen , David Groppe, Ashesh Mehta, Gregory A. Worrell, Scott Makeig (Chair)	Modeling Foci and Dynamics of Neuroelectromagnetic Activity in Epilepsy – WeA17	Sapphire H
	09:30- 11:00	Brain Oscillations in Switching vs. Focusing Audio-Visual Attention Poster WeB01.1	Joaquin Rapela , Klaus Gramann, Marissa Westerfield, Jeanne Townsend, Scott Makeig	Principal Component and Independent Component Analysis – WeB01	Indigo Ballroom
	15:00- 16:30	A Physiologically Motivated Sparse, Compact, and Smooth (SCS) Approach to EEG Source Localization Poster WeD04.8	Cheng Cao , Zeynep Akalin Acar, Kenneth Kreutz Delgado, Scott Makeig	Electrical Impedance Imaging Posters – WeD04	Indigo Ballroom
	15:00- 16:30	Measuring Steady-State Visual Evoked Potentials from Non-Hair-Bearing Areas Poster WeD13.6	Yu-Te Wang, Yijun Wang, Chung-Kuan Cheng, Tzyy-Ping Jung	Brain-Machine Interface Posters III – WeD13	Indigo Ballroom
	15:00- 16:30	SNR Analysis of High- Frequency Steady-State Visual Evoked Potentials from the Foveal and Extrafoveal Regions of Human Retina Poster WeD13.7	Fang-Cheng Lin, John Kar-Kin Zao, Kuan-Chung Tu, Yijun Wang, Yi-Pai Huang, Che Wei Chuang, Heng-Yuan Kuo, Yu-Yi Chien, Ching-Chi Chou, Tzyy- Ping Jung	Brain-Machine Interface Posters III – WeD13	Indigo Ballroom
	15:00- 16:30	Combining ERPs and EEG Spectral Features for Decoding Intended Movement Direction WeD12.9	Junhua Li, Yijun Wang, Liqing Zhang, Tzyy-Ping Jung	Brain-Machine Interface Posters II – WeD12	Indigo Ballroom

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Thursday August 30	08:15- 08:30	New Uses for Old Data: The HeadIT Data/tools Resource Project ThA14.2	Scott Makeig (talk)	Dealing with Lots of Data: Databases, Performance Metrics and Competitions As Tools for Research – ThA14	Aqua 308
	09:30- 11:00	Multivariate Principal Oscillation Pattern Analysis of ICA Sources During Seizure Poster ThB03.6	Tim Mullen, Gregory A. Worrell, Scott Makeig	Time-Frequency Analysis of Biosignals I – ThB03	Indigo Ballroom
	09:30- 11:00	An ICA-Based Real-Time Artifact Denoising Implementation for SSEVP-Based Brain- Computer Interfaces Poster ThB09.21	Chiu-Kuo Chen, Ericson Chua, Zong-Han Hsieh, Wai- Chi Fang, Yu-Te Wang, Tzzy- Ping Jung	Late Breaking Posters I – ThB09	Indigo Ballroom
	14:30- 14:45	Preventing Lapses in Performance Using a Drowsiness Monitoring and Management System Poster ThC17.5	Kuan-Chih Huang, Tzzy-Ping Jung , Chun-Hsiang Chuang, Li-Wei Ko, Chin-Teng Lin	Modern Assistive Technologies for Rehabilitation and Daily Living – ThC17	Sapphire H
	15:00- 16:30	Assisting Autistic Children with Wireless EOG Technology Poster ThD04.2	Joaquin Rapela, Tzzy-Ping Jung , Tsong-Yan Lin	Signal Processing in Physiological Systems Posters III – ThD04	Indigo Ballroom
	19:00- 22:00	INC/SCCN/IEM Open House with Lab Demos	All at SCCN / INC !	MoBI Lab, CES Lab, Mullen demo, T-P demos ...	UCSD / SCCN & Biomed Engin.
Friday, August 31	09:30- 11:00	Brain Dynamics of Mathematical Problem Solving* FrB19.4	Chun-Ling Lin, Melody Jung, Ying Choon Wu , Chin-Teng Lin, Hsiao-Ching She	Human Performance – FrB19	Indigo Ballroom
Saturday, Sept. 1	11:15- 11:30	Stability of ICA Decomposition across Within-Subject EEG Datasets SaC16.2	Romain Grandchamp, Claire Braboszcz, Scott Makeig (Chair), Arnaud Delorme	Brain Functional Imaging - EEG/MEG – SaC16	Sapphire L