Seminar Program

Note: The displayed time includes the time for presentation and for discussion. Please, finish your presentation about 5 minutes before the indicated time to allow discussion.

Time	Speaker
9:00-10:00	Registration
Session I	Chairperson: **Jorge Bosch-Bayard**
10:00-10:40	Introductory Words and Key Lecture: Controversies in Brain Connectivity **Pedro Valdes-Sosa** (CNC) *(Tele-Conference)*
10:40-11:10	Quantifying the Uncertainty of Spontaneous Ca2+ Oscillations in Astrocytes: Particulars of Alzheimer's Disease **Jorge Riera** (IDAC, Tohoku University; Visiting Professor FIU) *(Tele-Conference)*
11:10-11:30	Dissociated gamma rhythm codification based on neuronal population processing in rat auditory cortex **Takeshi Ogawa** (IDAC, Tohoku University)
11:30-11:50	Coffee-Break
Session II	Chairperson: **Ryo Kitada**
11:50-12:10	Mutual effects of autistic traits on head synchronization during game interaction **Shuntaro Okazaki** (NIPS)
12:10-12:30	Effect of transcranial direct current stimulation (tDCS) on the resting human brain activity **Satoshi Tanaka** (NIPS)
12:30-13:30	Lunch
Session III	Chairperson: **Roberto Pascual-Marqui**
13:30-13:50	Some eigenvector-based indexes to measure brain connectivity **Jorge Bosch-Bayard** (CNC & NIPS)
13:50-14:10	Inter-individual functional connectivity during eye contact and joint attention using dual functional MRI **Hiroki Tanabe** (NIPS)
14:10-14:30	Brain-to-brain coupling during mutual gaze task **Takahiko Koike** (NIPS)
14:30-14:50	Coffee-Break
Session IV	Chairperson: **Hiroki Tanabe**
14:50-15:10	Neural substrates of haptic object perception **Ryo Kitada** (NIPS)
15:10-15:30	A spatio-temporal filtering method based on AR type model for the analysis of single-trial biological imaging data **Fumikazu Miwakeichi** (ISM)
15:30-15:50	Sparse Bayesian algorithm for high-resolution diffusion optical tomography **Okito Yamashita** (ATR)
15:50-16:00	Coffee-Break
Session V	Chairperson: **Atsushi Yoshimoto**
16:00-16:30	Local Linearization Method and its Applications to Neurosciences **Juan Carlos Jimenez** (ICIMAF & ISM)
16:30-17:00	Brain connectivity: a focused review **Roberto Pascual-Marqui** (The Key Institute for Brain-Mind Research & Kansai MU)
17:00-18:00	Key Lecture: 20 Years of Neuroscience Time Series Modeling **Tohru Ozaki** (IDAC, Tohoku University & NIPS)

18:30- Seminar Party (In a restaurant near Higashi-Okazaki station. More details will be given soon.)