

Poster Session

December 18th, 2011 (Sunday) 17:30-18:45

- P1 Quantitative evaluation of analytical methods for group fMRI data
Dong-Youl Kim, Jong-Hwan Lee, Department of Brain and Cognitive Engineering, Korea University, Korea
- P2 Visual Object Recognition: Hybrid Approach Using Short Term Memory and Long Term Memory
Sangwook Kim, Sungmoon Jeong and Minho Lee, School of Electronics Engineering Kyungpoo National University, Korea
- P3 Simulation Platform: Quick and easy access environment of model simulation
Shiro Usui¹, Hidetoshi Ikeno², Tadashi Yamaaki¹, Yoshihiro Okumura¹, Shunji Satoh³, Yoshimi Kamiyama⁴, Yutaka Hirata⁵, Keiichiro Inagaki¹, Akito Ishihara⁶, Takayuki Kannon¹,
¹RIKEN BSI, ²University of Hyogo, ³University of Electro-Communications, ⁴Aichi Prefectural University, ⁵Chubu University, ⁶Chukyo University, Japan
- P4 EEG forward simulation using insilicoIDE
Ken-ichiro Iwasaki, Lab for dynamics of emergent intelligence, RIKEN BSI, Japan
- P5 Spatiotemporal properties of the neurodynamics to step problem-solving process as a clue to consider making sense of mathematics, or the origin of native physics
Hiroaki Wagatsuma, Department of Brain Science and Engineering, Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology (KYUTECH), Japan
- P6 EEG entropy and energy analysis for consciousness evaluation
Jianting Cao, ⁽¹⁾ Saitama Institute of Technology, ⁽²⁾ RIKEN BSI, Japan
- P7 Classification and reconstruction of ongoing neurodynamics in the primary visual cortex
David Colliaux, Graduate School of Basic Science, The University of Tokyo, Japan
- P8 Optogenetic voltage imaging bridges cellular and system physiology
Thomas Knöpfel, Laboratory for Neuronal Circuit Dynamics, RIKEN BSI, JAPAN
- P9 A large-scale whole visual system model integrated by PLATO
Keiichiro Inagaki¹, Takayuki Kannon², Nilton Kamiji², Kouji Makimura² and Shiro Usui^{1,2},
¹Computational Science Research Program, RIKEN, ²RIKEN BSI, Japan
- P10 Properties of associative memory model with the zero-order synaptic decay
Ryota Miyata¹, Jun Tsuzurugi², Toru Aonishi¹, and Koji Kurata³, ¹Interdisciplinary Graduate School of Science and Engineering, Tokyo Institute of Technology, ²Faculty of Engineering, Okayama University of Science, ³Faculty of Engineering, University of the Ryukyus, Japan
- P11 Blind Signal Extraction in Frequency Domain
Choong-Hwan Choi¹, Soo-Young Lee², ¹Department of Bio and Brain Engineering, KAIST, ²Department of Electrical Engineering and Brain Science Research Center KAIST, Korea
- P12 Hierarchical Feature Extraction with Multi-layer NMF
Byeong-Yeol Kim, Cheong-Ahn Lee, Hyun Ah Song, and Soo-Young Lee, Department of Electrical Engineering and Brain Science Research Center KAIST, Korea
- P13 Modulation of LFP oscillations while updating a motor-plan in primate medial motor cortex
Ryosuke Hosaka, Dept. Applied Mathematics, Fukuoka Univ, Japan
- P14 An analysis based on a data-driven kinetic model of receptor-trafficking in cerebellar Purkinje cell predicts insufficiency of receptor-destabilization as a mechanism of LTD
Kazuhiko Yamaguchi and Soichi Nagao, Motor Learning Control, BSI RIKEN, Japan
- P15 State diagram of dynamics in a spiking network model for the cerebellar granular layer
Takeru Honda, Lab for Motor Learning Control, RIKEN BSI JSPS Research Fellow (PD), Japan
- P16 Computational evidence for the long-term memory of paired association tasks
Makoto Nakao, Graduate School of Engineering at Hosei University, Japan

- P17 A Study of the action of “Musical Knowledge” upon Music comprehension -The function of musical knowledge in J.S.Bach’s St.Matthew Passion
Kiyomi Toyoda, Okinawa Prefectural University of Arts, Japan
- P18 A theoretical study on space computation in grid cell- place cell system of rat brain
Masashi Salvador Mitsuzawa^{1,2}, Yoko Yamaguchi^{1,2,1} Graduate school of Information Science and Technology, The University of Tokyo,² Lab for dynamics of emergent intelligence, RIKEN BSI, Japan
- P19 Quantitative predictions of reaction times in visual search from V1 saliency theory with zero parameters, and its experimental confirmation
Li Zhe¹, Li Zhaoping², ¹Tsinghua University, China, ²University College London, UK
- P20 Coupled oscillator model analyses of temporal coordination in a two-person alternate tapping task
Yinjie Cheng^{1,2}, Masahiro Kawasaki^{2,3}, Keiichi Kitajo³, Yoko Yamaguchi^{1,2,1} Graduate school of Information Science and Technology, The University of Tokyo,²Lab for dynamics of emergent intelligence, RIKEN BSI,³Rhythm-based computation unit, BTCC, RIKEN BSI, Japan

POSTER GUIDELINES

Authors scheduled in poster sessions are assigned poster board with the poster number <P-XX> according to the program.

Poster size: Width: 0.9m and Height: 1.2m

Place: OIST Seaside House 1F Lobby.

Poster set up: 13:00 . Dec. 18

Poster presentation highlights: 17:00 – 17:20, Dec. 18

Poster authors are to be introduced with slides in the seminar room

Presentation: 17:30 – 18:45, Dec. 18

Poster removal: no later than 20:30, Dec. 18

Pins are to be provided at the reception