

The 1st OISTxCiNet WS for Future Neuroscience and Technology
Poster session: 13:00 - 15:30, Oct. 18 (odd no. 13:00 - 14:00, even no. 14:00 - 15:00)

PI Group		Poster Title	Author/Co-authors (presenter underlined)
OIST			
1	Doya Unit	Activity of macaque visual neurons are modulated depending on gaze sequence during free viewing	<u>Yukako Yamane</u> , Junji Ito, Cristian Joana, Ichiro Fujita, Hiroshi Tamura, Pedro Maldonado, Kenji Doya, Sonja Grün
2	Doya Unit	Individual variability of Brain-machine interface and motor performance	<u>Kazumi Kasahara</u> , Kenji Doya
3	Research Support Division	Neuroimaging of mouse model using ultra-high magnetic field MRI	<u>Keigo Hikishima</u>
4	Doya Unit	Analysis of structure-function relationship using a whole-brain model based on the common marmoset MRI data	<u>Hiromichi Tsukada</u> , Hiroaki Hamada, Carlos Enrique Gutierrez, Ken Nakae, Henrik Skibbe, Shin Ishii, Alexander Woodward, Junichi Hata, Hideyuki Okano, Kenji Doya
CiNet			
5	Amano, Kaoru	Feedforward and feedback neural signals involved in visual awareness	<u>Kenichi Yuasa (NICT)</u> , Hiromasa Takemura (NICT), Isamu Motoyoshi (U Tokyo), Kaoru Amano (NICT)
6	Amano, Kaoru	Neuroanatomical correlates of human stereoacuity in grey and white matter.	<u>Hiroki Oishi (Osaka U)</u> , Hiromasa Takemura (NICT), Ichiro Fujita (Osaka U), Kaoru Amano (NICT)
7	Amano, Kaoru	Relationship between neural oscillations and performance of cognitive functions	<u>Shuka Shibusawa (Osaka U)</u> , Kaoru Amano (NICT)
8	Amano, Kaoru	Altered metacognition in visual perception among schizophrenic patients	<u>Ai Koizumi (NICT)</u> , Tomoki Hori (Kyoto U Graduate School of Medicine), Brian Maniscalco (New York U), Ryo Mishima (Kyoto U Graduate School of Medicine), Makoto Hayase (Kyoto U Graduate School of Medicine), Jun Miyata (Kyoto U Graduate School of Medicine), Toshihiko Aso (Kyoto U Graduate School of Medicine), Hakwan Lau (UCLA), Hidehiko Takahashi (Kyoto U Graduate School of Medicine), Kaoru Amano (NICT)
9	Ando, Hiroshi	fMRI activities in the visual cortex by olfactory stimulations	<u>Yoshiaki Tsushima (NICT)</u> , Yurie Nishino (NICT), Hiroshi Ando (NICT)
10	Ando, Hiroshi	MRI-compatible haptic devices available in Cinet	<u>Juan Liu (NICT)</u> , Hiroshi Ando (NICT)
11	Ando, Hiroshi	Remembering the dear past - How emotions affect our memories?	<u>Eiji Nawa (NICT)</u> , Hiroshi Ando (NICT)
12	Ando, Hiroshi	Deep neural network for motion flow estimation predicts neural responses to natural movies in mid-level dorsal visual areas	<u>Atsushi Wada (NICT)</u> , Satoshi Nishida (NICT), Hiroshi Ando (NICT), Shinji Nishimoto (NICT)
13	Callan, Daniel	Investigating Brain Function in Real World Situations: From Immersive VR to Actual Environment	<u>Daniel Callan (NICT)</u>
14	Fujita, Ichiro	Rapid responses of amygdala neurons have dual roles in detecting threatening faces	Mikio Inagaki (Osaka U), <u>Ichiro Fujita (Osaka U)</u>
15	Haruno, Masahiko	Neuroscience of social networking service behavior	<u>Kazuma Mori (NICT)</u> , Masahiko Haruno (NICT)
16	Haruno, Masahiko	Topographic distinction in long-term value signals between presumed dopamine neurons and striatal projection neurons in behaving monkeys	<u>Kazuki Enomoto (NICT)</u> , Naoyuki Matsumoto (Pref. U of Kumamoto), Hitoshi Inokawa (Kyoto Pref. U of Med), Minoru Kimura (Tamagawa U), Hiroshi Yamada (U Tsukuba)
17	Haruno, Masahiko	Cognitive and Behavioral Mechanisms of Social Network	<u>Rei Akaishi (NICT)</u> , Masahiko Haruno (NICT)
18	Hirata, Masayuki	Duration-tuned neural populations in the right parietal cortex mediate psychophysical duration aftereffects	<u>Masamichi J. Hayashi (Osaka U)</u> , Richard B. Ivry (UC Berkeley)

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19	Ihara, Aya	Electrophysiological responses to natural conversations in a foreign language	<u>Atsushi Matsumoto (NICT)</u> , Yasushi Naruse (NICT), Jun'ichi Katayama (Kwansei Gakuin U), Shiro Ojima (Yokohama National U), Aya S. Ihara (NICT)
20	Ikegaya, Yuji	Neuroimaging of visual cue integrations: From basics to future applications	<u>Hiroshi Ban (NICT)</u> , <u>Nobuhiro Hagura (NICT)</u> , Yuji Ikegaya (U Tokyo)
21	Kida, Ikuhiro	Fast brain tissue segmentation based on MP2RAGE at 7 T MRI.	<u>Uksu Choi (NICT)</u> , Hirokazu Kawaguchi (Siemens), Yuichiro Matsuoka (NICT), Tobias Kober(Siemens), Ikuhiro Kida (NICT)
22	Kitazawa, Shigeru	Emergence of visual receptive field remapping in a convolutional neural network for sensory prediction	<u>Osamu Akiyama (Osaka U)</u> , Shigeru Kitazawa(Osaka U)
23	Leibnitz, Kenji	Fluctuations in global network topology of modeled and empirical functional connectivity	<u>Makoto Fukushima (NICT/JSPS)</u> , Olaf Sporns (Indiana U)
24	Liu, Guoxiang	Super-high resolution fMRI at 7T	<u>Guoxiang Liu (NICT)</u> , Takashi Ueguchi(NICT), Adnan Shah (NICT)
25	Maeda, Taro	Verification of Model Human Processor using Event Related Potentials	<u>Toshitaka Higashino (Osaka U)</u> , Masato Soga (Wakayama U), Masahiro Furukawa (Osaka U), Hideyuki Ando (Osaka U), Taro Maeda (Osaka U)
26	Naito, Eiichi	Local-to-distant development of cerebrocerebellar sensorimotor network in typically developing human brain	<u>Amemiya K. (NICT)</u> , Morita T. (Osaka U), Saito D. (Fukui U, Kanazawa U), Ban M. (Osaka U), Shimada K.(Fukui U), Okamoto Y. (Fukui U, ATR), Kosaka H. (Fukui U), Okazawa H.(Fukui U), Asada M. (Osaka U), Naito E. (NICT)
27	Naito, Eiichi	Subject-specific volumetric musculoskeletal model based on MRI images	<u>Masaya Hirashima (NICT)</u> , Takuya Sonoda (Osaka U), Shoji Konda (Osaka U)
28	Naito, Eiichi	Somatosensory and Motor Finger Representations in Focal Task-Specific Dystonia - An fMRI Decoding Study	<u>Satoshi Hirose (NICT)</u> , Kahori Kita (Chiba U), Eiichi Naito (NICT), Takashi Hanakawa (NCNP)
29	Naito, Eiichi	Contribution of visual cortex to foot movements in blind athletes: a TMS study	<u>Tsuyoshi Ikegami (NICT)</u> , Masaya Hirashima (NICT), Eiichi Naito (NICT), Satoshi Hirose (NICT)
30	Naruse, Yasushi	A study on the relationship between player's skill on consumer game and components of the electroencephalogram.	<u>Kiyoyuki Osugi (Osaka U)</u> , Yusuke Yokota (NICT), Yasushi Naruse (NICT), Yusuke Yokota (NICT), Yasushi Naruse (NICT)
31	Naruse, Yasushi	EEG experiment in the real world	<u>Yasushi Naruse (NICT)</u> , <u>Hiroaki Umehara (NICT)</u> , <u>Yusuke Yokota (NICT)</u> , Ming Chang (NICT)
32	Nishimoto, Shinji	A modality-independent semantic map revealed by a novel cross-modal encoding modeling analysis.	<u>Hiroyuki Yamaguchi (Osaka U)</u> , Tomoya Nakai (NICT), Shinji Nishimoto (NICT)
33	Nishimoto, Shinji	Representation of music-genres based on the spectro-temporal modulation responses of human brain	<u>Tomoya Nakai (NICT)</u> , Naoko Koide-Majima (Brother Industries Ltd.), Shinji Nishimoto (NICT)
34	Nishimoto, Shinji	Quantifying extrinsic and intrinsic neural processing during natural movie viewing	<u>Cohen Dror (NICT/JSPS)</u> , Atsushi Yokoi (NICT), Nishimoto Shinji (NICT)
35	Nishimoto, Shinji	Biologically Inspired Representation Learning with Inception Structure	<u>Takashi Shinozaki (NICT)</u>
36	Nishimoto, Shinji	Modeling and decoding of brain activity	Nishimoto Group
37	Osaka, Mariko	Working Memory Evaluation and Enhancement	<u>Mizuki Kaneda (NICT)</u> , <u>Miyuki Azuma (NICT)</u> , Mariko Osaka (NICT)
38	Peper, Ferdinand	Spiking communication protocol for rescue assistance with cyborg insects	<u>Ferdinand Peper (NICT)</u> , Tetsuya Shimokawa (NICT), Kenji Leibnitz (NICT)
39	Suzuki, Takafumi	Current Status of the Compute Cluster System in CiNet.	<u>Noriya Yokohama (NICT)</u> , Takashi Shinozaki (NICT), Atsushi Wada (NICT), Takafumi Suzuki (NICT)
40	Suzuki, Takafumi	Functional mapping of higher-order association cortices by multi-channel neural data acquisition.	<u>Kei Watanabe (NICT)</u> , <u>Taro Kaiju (NICT)</u> , Masato Inoue (Osaka U), Hiroshi Ando (NICT), Masayuki Hirata (Osaka U), Takafumi Suzuki (NICT)
41	Suzuki, Takafumi	Development of fundamental technology for the next generation brain-machine interface	<u>Taro Kaiju (NICT)</u> , Masato Inoue (Osaka U), <u>Kei Watanabe (NICT)</u> , Hiroshi Ando (NICT), Seiji Kameda (Osaka U), Masayuki Hirata (Osaka U), <u>Takafumi Suzuki (NICT)</u>
42	Yamagishi, Noriko	The effect of psychological states on visual search times in daily life	Toru Maekawa (Outemon Gakuin U), <u>Noriko Yamagishi (NICT)</u>