Poster presentation: March 7th, 2007, 19:30-22:30

Booth No.	Author	Title
07P-01	Akira Toyomura	Neural Bases of Audio-Vocal Feedback in Human
07P-02	Andreas Galka	Dynamical source components of EEG time series
07P-03	Antonio Pazienti	Spike classification errors affect correlation analyses
07P-04	Arvind Kumar/Ad Aertsen	Stable embedding of synfire activity in a locally connected random
07P-05	Balazs Lukats	Organization of adaptive behavior in the orbitofrontal cortex: electrophysiological and behavioral studies in rats and rhesus monkeys
07P-06	Benjamin Staude	Detecting higher-order correlations with lower order measures
07P-07	Cornelius Weber	Intrinsic Plasticity in a Generative Model of V1
07P-08	Daniel Yasumasa Takahashi	Uncovering the Theta Wave Circuitry in Wistar Rat During Alert and Desynchronized Sleep States
07P-09	Denise Berger	Neural correlation reveals spatial topography in cat visual cortex
07P-10	Denny Joseph /V. Srinivasa Chakravarthy	Towards an Integral Model of Basal Ganglia: Exploring the multi-faceted role of Basal Ganglia in Motor Function
07P-11	Eizo Miyashita	Temporal representation of arm dynamics in the primary motor cortex
07P-12	Eliana Sampaio	Electrotactile stimulation of the tongue in the context of a fMRI
07P-13	Hideo Hasegawa	Stationary and Dynamical Properties of Finite-Unit Neuron Ensembles Described by a Generalized Rate-Code Model
07P-14	Hideyuki Takahashi	Detection of individual differences in matching penny
07P-15	Hiromasa Takemura	Perceptual ambiguity by luminance contract and reward predictive activity in the brain
07P-16	Hiroshi Sasaki	Brain activities related to post-sleep recognition performance during memory encoding of words
07P-17	Hiroshige Takeichi	Assessment of speech comprehension: application of m-sequence modulation and independent component analysis to
07P-18	Hosaka Ryosuke	Interspike interval statistics of two-dimensional neurons
07P-19	Ito Takao	Storage and propagation of signal in the chaotis network with feedback of neurons
07P-20	Jiro Okuda	Trade-off between immediate cognition and future intention regulated by interaction between left and right medial prefrontal cortices: a functional MRI study
07P-21	John Long	Multi-site, Multi-electrode Recording and Microstimulation in Behaving Rats for the Determination of Sensorimotor Transforms
07P-22	Julian Tejada /Antonio Roque	A computaional model of rat exploratory behavior in the elevated plus-maze
07P-23	Jun Igarashi	Influence of the Type of Symmetry of the STDP Rule on the Theta-Phase Coding in the Entorhinal Cortex with Entorhinal-Hippocampal Loop Connections
07P-24	Junji Ito	Spontaneous transitions between different synchrony patterns observed in the resting state EEG activity
07P-25	Kazuhiro Matsumoto	A Low-Dimensional Dynamics in a Spark Ignition Engine of Motorcycle and its Control
07P-26	Kazuki Nakada	Synchronization Properties of Two Pulse-Coupled Resonate-and-Fire
07P-27	Kazuyuki Samejima	Estimating hidden variables in the brain and assessing models of animal and human decision making
07P-28	Lijian Yu/Rundi Ma	Brain Repair Following Glutamate-Induced Excitotoxic Neuronal Damage Mediated by Intracerebroventricular Transplanation of Neural Stem Cells in Adult Mice
07P-29	Lilach Avitan	Resolving the dynamics of EEG generators by multichannel recordings

07P-30	Mahdi Jalili	Mapping of EEG synchronization in schizophrenia patients with state-space analysis
07P-31	Manami Yamamoto	Brain mechanism for reward prediction on perceptually ambiguous
07P-32	Michiyo Iba	Neuronal activity in the monkey locus coeruleus during the performance of oculomotor tasks
07P-33	Muneyoshi Takahashi	Episode-dependent activity of rat hippocampal CA1 area during memory-guided spatial alternation task
07P-34	Nanae Matsuno	The stability of in vivo firing patterns of cortical neurons
07P-35	Olga Hangodi	In vivo and in vitro effects of orexin-A in the bed nucleus of stria
07P-36	Ralph Meier	Simulated neural network dynamics can resemble characteristics of human EEG: Beyond mean-field models
07P-37	Ravi Rao	Performance characterization of an oscillatory neural network that achieves binding through phase synchronization

Poster presentation: March 8th, 2007, 16:50-19:30

Booth No.	Author	Title
08P-01	Rodrigo F. Oliveira /Antonio Roque	A realistic model of the mammalian primary visual cortex exhibiting orientation selectivity diversity and laminar dependence
08P-02	Sayuri Takahira	Contribution of eye movements to neural network activation in mental
08P-03	Shigeru Kuroda	On a type of condition to discriminate spatiotemporal patterns in locally connected neural network
08P-04	Shuntaro Okazaki	Adaptation of N2 response affects difference-specificity of sound duration discrimination
08P-05	Takeaki Shimokawa	Inhibitory neurons facilitate rhythmic activity in a neural network
08P-06	Tetsuhiko Sasaki	Effect of social stimuli on the development of learning capability in the honeybee, *Apis mellifera*
08P-07	Tetsuya Matsuda	Attention dysfunction during visual and auditory target detection task in patients of schizophrenia
08P-08	Tobias Potjans	Grid Computing for Computional Neuroscience
08P-09	Tsvi Achler	Object Classification with Recurrent Loop Networks
08P-10	Vladimir Gontar	Discrete Biochemical Reactions Dynamics of the Neural Networks and Brain Creativity Mathematical Modeling
08P-11	Watanabe Masataka/ Masahiro Kawasaki	Neural substrate of initial selection and verification of strategies in an arithmetic search task: an fMRI study
08P-12	Wiebke Potjans	Reinforcement Learning in Spiking Neural Networks
08P-13	Xiaochuan Pan	Predicting reward by primate prefrontal neurons in unexperienced
08P-14	Xin JIN	Spatiotemporal Response Patterns Encode Motion Information in
08P-15	Yamaguti Yutaka	A Physiological Model for Cantor Coding
08P-16	Yasuko Sugase-miyamoto	Distributions of dopamine D_2 receptors in macaque inferior temporal
08P-17	Y-h. Taguchi	Detecting correlation between neuron signals using non-metric multidimensional scaling
08P-18	Yohei Yamada	Neural Mechanisms of Perceptual Alternations Revealed by Information Theory
08P-19	Yoshiyuki Yamazaki	Organization of Multisynaptic Inputs from Hippocampal Area CA1 to Primary Auditory Cortex and Auditory Thalamic Nuclei
08P-20	Yu Ohigashi	Modeling of autonomous task setting ability based on reuse of knowledge