

Poster Session Program (tentative)

Jan 11, 2017

21:00 - 23:00

1	Spike analyses for estimation of rat's motivation	Irei T*(1), Ito M(2), Doya K(2), Miyata R(1) (1. Univ Ryukyu, 2. OIST)
2	Spike analyses for estimation of the rat's understanding level	Ganaha H(#1), Irei T*(#1), Ito M(2), Doya K(2), Miyata R(1) (# equal contribution, 1. Univ Ryukyu, 2. OIST)
3	Influences of the pitch intervals on the starter's conditions	Masuda T*, Gushiken S, Miyata R (Univ Ryukyu)
4	Bifurcation in a Temperature Dependent Neural Mass Model for Epileptic Discharges	Soriano J*(1), Kubo T(1), Inoue T(2), Kida H(2), Yamakawa T(3), Suzuki M(2), Ikeda K(1) (1. NAIST, 2. Yamaguchi Univ, 3. Kumamoto Univ)
5	Brain Activity of Dog Trainers and Novices Observing Training Scenes	Ouchi R* (1), Kubo T (1), Nakahara E (2), Samejima K (3), Nagasawa M (4,5), Kikusui T (5), Ikeda K (1) (1. NAIST, 2. Kyoto Women's Univ, 3. Tamagawa Univ, 4. Azabu Univ, 5. Jichi Medical Univ)
6	Auditory Surprise Model Based on Pattern Retrieval from the Past Observation	Yoneya M* (1,2), Liao H I (1), Furukawa S (1), Kashino M (1,2) (1. NTT, 2. Tokyo Tech)
7	Dynamic Coding of Context-Dependent Integration in Prefrontal Cortex	Xu M* (1), Katori Y (1,2), Hosokawa T (3), Tsutsui K (3), Aihara K (1) (1. Univ of Tokyo, 2. Future Univ Hakodate, 3. Tohoku Univ)
8	Detect atypical network development trajectory of ASD children by MEG data and cognitive performance scores	DUAN F* (UTokyo), Kikuchi M (Kanazawa Univ), Aihara K (UTokyo)
9	Top-down modulation of pupillary response to auditory transitions	Hsin-I Liao* (NTT), Sijia Zhao (UCL), Makoto Yoneya (NTT), Makio Kashino (NTT), Maria Chait (UCL), Shigeto Furukawa (NTT)
10	The Fast Oscillations in Rat Neocortex during Auditory-Induced Operant Behavior	Wake N*, Ishizu K, Takahashi H (Tokyo Univ)
11	Inverse dynamics computation in adults with autism — Examination based on perceptual biases	Shinya Takamuku* (1), Paul Forbes (2), Antonia Hamilton (2), Hiroaki Gomi (1) (1. NTT, 2. UCL)
12	Modeling of sensory processing for direction perception of being pulled induced by asymmetric vibration	Hiroaki Gomi*, Tomohiro Amemiya, Shinya Takamuku, Sho Ito, (NTT CSLab)
13	Neural mechanisms and computation that mediates value by others' reward for decision making	Fukuda H, Ma N, Suzuki S, Harasawa N*, Ueno K, Gardner J. L, Ichinohe N, Haruno M, Cheng K, Nakahara H.
14	Neural mechanisms for deciding with predicting others	Ning Ma, Norihiro Harasawa*, Kenichi Ueno, Noritaka Ichinohe, Masahiko Haruno, Kang Cheng, Hiroyuki Nakahara
15	A mixture of sparse coding models for holistic and parts-based face processing in the IT cortex	Haruo Hosoya* (ATR), Aapo Hyvärinen (Univ Helsinki / Gatsby)
16	Study of mixing in high speed flow by jets with a cavity and porous wall using data mining	Tanahara S*, Ibusuki N, Teruya K, Ishikawa M, Yaga M (Univ Ryukyu)
17	Reconsidering efficient coding of natural sounds under reverberation	Hiroki Terashima*, Shigeto Furukawa (NTT Comm Sci Labs)
18	Evaluating sensory prediction errors: a new technique for decoding movement intention	K. Nakamura* (1,2), G. Ganesh(2), A. M. Tobar(3), S. Saetia(3), N. Yoshimura(3), E. Yoshida(1,2), H. Ando(4), Y. Koike(3) (1. University of tsukuba, 2. CNRS-AIST JRL, UMI3218, 3.Tokyo tech, 4 Osaka Univ)
19	A visual prosthesis for combined artificial and residual vision in retinitis pigmentosa – performance evaluation using photo-realistic virtual-reality simulations	Zapf, MP* (1), Boon M (2), Lovell N (2), Suaning G (2) (1. ATR Kyoto, 2. UNSW Australia)
20	Pilot study on mathematical modeling of the mechanosensitive responses in a sensory neuron / 感覚神経における機械受容応答の数理モデリング検討	Nakatani M*(1, 2, 3), Kitahata H (2, 4), Nagayama M(1, 4) (1. Hokkaido Univ., 2. Chiba Univ., 3. JST PRESTO, 4. JST CREST)
21	An Investigation into the Long-Term and Cross-Contextual Effects of Fear Counter-Conditioning Via DecNef	Jessica Elizabeth Taylor* (1), Ai Koizumi (1, 2), Hakwan Lau (1, 3), Mitsuo Kawato (1, 2). (1. ATR, 2. NICT-CiNet, 3. UCLA)
22	Fitting the Boltzmann machine to neuroimaging data	Takahiro Ezaki* (PRESTO), Takamitsu Watanabe (UCL), Masayuki Ohzeki (Tohoku Univ), Naoki Masuda (Univ of Bristol)

*: Presenter

Poster Session Program (tentative)

Jan 12, 2017

20:00 - 23:00

1	Development of the Pokemon recommendation system using Word2Vec	Okitsu S*, Miyata R (Univ Ryukyu)
2	Data mining using the fashion EC site	Ishigaki H*(1), Okazaki M(1), Akita K(1), Oshiro K(1), Matsuo M, Nagamine K, Toma N, Okazaki T, Endo S, Miyata R (Univ Ryukyu, 1: equal contribution)
3	A case study of gamification for junior high school math learning	Nakamura K*, Irei T, Matsuo H, Miyata R, Hinokuma T (Univ Ryukyu)
4	Analysis of functional role of arcopallium in domestic chicks	Uno L* (1), Matsushima T (1) (1. Hokkaido Univ)
5	Decision making based robot navigation: A BMI approach 意思決定に基づくロボットナビゲーション: BMI アプローチ	Fujimura Y* (1), Rama E (1), Capi G (2), Tanaka N (1), Kawahara S (1), Ando A (1) (1. Toyama Univ, 2. Hosei Univ)
6	Hyperthymic temperament predicts responses for intrinsic reward in the premotor/sensorymotor area	小倉有紀子*, 若槻百美, 橋本直樹, 宮本環, 中井幸衛, 豊巻敦人(北大), 土田幸男(琉球大), 井上猛(東京医大), 久住一郎(北大)
7	時間的規則性の破れによる知覚交代促進の神経回路網モデル	鶴岡佑樹*(東京理科大), 浦川智和(東京理科大), 荒木修(東京理科大)
8	Omission条件による知覚交代の促進: 時間周波数解析を用いて	金秀祐*, 浦川智和, 大矢泰地, 荒木修(東京理科大学)
9	Omission課題による知覚交代の促進: 視覚誘発反応を用いて	大矢泰地*, 浦川智和, 金秀祐, 荒木修(東京理科大学)
10	仮想環境を利用したゴール型ボールゲームにおける一人称視点での協調行動の獲得	渡邊紀文*(産業技術大学院大), 糸田孝太(慶應義塾大学)
11	逐次的自然方策勾配法のための適応的学習率	岩城諒*(1), 横山裕樹(2), 浅田稔(1) (1. 阪大, 2. 玉川大)
12	皮膚感覚によるランダムドット運動の検出	黒木忍*, 西田真也(NTT)
13	好奇心と興味による自発的情報収集を用いた行動獲得モデル	藤本一聖*, 西井淳(山口大)
14	Sharp Wave発生時に海馬錐体細胞が受けるシナプス入力の時空間パターン	石川智愛*, 池谷裕二(東大)
15	統合失調症における脳内意味表象異常の可視化と定量	松本有紀子*(1), 孫樹洛(1), 村上晶郎(1), 西田知史(2), 西本伸志(2), 高橋英彦(1)(1. 京大, 2. CiNet)
16	オキシトシン受容体遺伝子、オピオイド受容体遺伝子とサイコパシーの関連	仁科国之*(1), 高岸治人(1), 井上-村山美穂(2), 高橋英彦(2), 山岸俊(3) (1. 玉川大, 2. 京都大, 3. 一橋大)
17	対象の規則性に基づき美しさを判断する情報処理モデル	清水琢人*(山口大), 西井淳(山口大)
18	光情報は外網膜でどのように処理されるのか	神山斉己, 國貞裕映*(愛知県立大)
19	親和的コミュニケーションを支える原初的音楽空間の検討	高橋 英之*(大阪大学), 伴碧(同志社大学), 宮崎美智子(大妻女子大学), 岡崎善弘(岡山大学)
20	感情の多重価値計算システム仮説にもとづく行動エージェントの学習シミュレーション	宮田真宏*, 大森隆司(玉川大)
21	Multivoxel neurofeedback to selectively manipulate confidence without changing perceptual performance	Cortese A* (1,2,3,4), Amano K (3), Koizumi A (1,3), Kawato M (1,2), Lau H (4) (1. ATR, 2. NAIST, 3. CiNet, 4. UCLA)

*: Presenter