

ポスター

10:45 ~ 12:15

Poster Session

- P-1** Max-Sliced Wasserstein 距離を用いたロバストな形態計測的脳ネットワーク推定
Robust Estimation of Morphometric Similarity Networks using Max-Sliced Wasserstein Distance
内田 航
Wataru Uchida
順天堂大学健康データサイエンス学部
Faculty of Health Data Science, Juntendo University
- P-2** 従来型 MNI ボリュームデータと HCP スタイル grayordinate データの相互利用を実現するツールの開発
Development of a Tool for Interoperability between Legacy MNI Volume-Based Data and HCP Grayordinate-Based Data
山本 哲也
Tetsuya Yamamoto
生理学研究所 脳機能計測・支援センター 生体機能情報解析室
Section of Brain Function Information, Supportive Center for Brain Research, National Institute for Physiological Sciences
- P-3** BOLD-Filter for 7T fMRI: A Preliminary Evaluation in High-Resolution Imaging
Yul-Wan Sung
Kansei Fukushi Research Institute, Tohoku Fukushi University
- P-4** コネクトームに基づくリザーバー計算におけるマルチタスク学習性能の評価
An evaluation of multi-task learning performance in connectome-based reservoir computing
中本 帆波
Honami Nakamoto
広島大学 情報科学部
School of Informatics and Data Science, Hiroshima University
- P-5** コネクトームに基づくリザーバー計算の神経科学タスクへの網羅的な適用
A comprehensive application of connectome-based reservoir computing to neuroscience tasks
黒河 利璃香
Ririka Kurokawa
広島大学 情報科学部
School of Informatics and Data Science, Hiroshima University

- P-6** コネクトーム上の結合振動子系によるリザーバー計算の神経科学タスクへの適用
Reservoir computing with a coupled oscillator system on the connectome: an application to neuroscience tasks
石田 果歩
Kaho Ishida
広島大学 情報科学部
School of Informatics and Data Science, Hiroshima University
- P-7** Prenatal emergence of occipital white matter tracts in rhesus macaque brains
Hiroki Oishi
National Institute for Physiological Sciences
- P-8** Advancing Primate Common Coordinate Frameworks (CCFs): Improved NHP MRI templates and atlas
Takuya Hayashi
RIKEN Center for Biosystems Dynamics Research
- P-9** Investigation of neural mechanisms involved in processing semantically abstracted object shapes in macaque monkeys
Mika Baba
RIKEN Center for Brain Science
- P-10** Ultra-High-Field fMRI Reveals Five-Finger Representations in Marmoset Primary Somatosensory Cortex
Chenyu Wang
Graduate School of Interdisciplinary Science and Engineering in Health Systems, Okayama University
- P-11** Humans have disproportionately larger temporal association areas than macaques: a comparison by multi-network topological approach
Takuro Ikeda
RIKEN Center for Biosystems Dynamics Research
- P-12** Impact of chronic skin inflammation on cognitive performance and diffusion MRI microstructure
Ge Peng
Atopy (Allergy) Research Center, Juntendo University Graduate School of Medicine
- P-13** Early Emergence of Motion-Sensitive MT/V5 Responses: An fMRI Study in Awake 3-to-5-Month Old Infants
Riku Umekawa
Chuo University

- P-14** Preterm Birth Differentially Shapes Cortical Development in Infancy
Lin Cai
Division of Information Science, Nara Institute of Science and Technology
- P-15** 脳形態特徴量及び微細構造ネットワークの多施設信頼性評価：Traveling Subject データセットによる検討
Reliability of Morphological similarity and Microstructural Networks: TravelingSubject Study
Silefu Gu
順天堂大学 健康データサイエンス学部
Faculty of Health Data Science, Juetendo University
- P-16** Combined association test 法を用いた脳形態特徴量ネットワークの施設間差除去
Harmonization of multi-site morphological similarity network using the combined association test
呉 傑凱
Jiekai Wu
順天堂大学 健康データサイエンス学部
Faculty of Health Data Science, Juntendo University
- P-17** Tractometry sensitivity to age-related white matter changes: DTI versus DKI
Takuji Kinjo
Tamagawa University Brain Science Institute
- P-18** bvec 視覚化
visualization of bvec
金子 貴久子
Kikuko Kaneko
信州大学医学部附属病院放射線科
Department of Radiology, Shinshu University Hospital
- P-19** 拡散強調画像解析によるヒト側坐核と内側前頭前皮質間を結ぶ白質線維束の構造特徴に関する研究
Diffusion MRI analysis of structural properties of human white matter tract connecting nucleus accumbens and medial prefrontal cortex
小川 詩乃
Utano Ogawa
東京大学大学院 教育学研究科
Graduate School of Education, The University of Tokyo
- P-20** Evaluating Tractography Method Differences between Young and Elder Participants
Hanna Tamai
Graduate School of Arts and Sciences, Center for Evolutionary Cognitive Sciences, the University of Tokyo

- P-21** **Impact of scanner and protocol variability on diffusion MRI-based tractometry generalizability**
Daiki Taguma
National Institute for Physiological Sciences
- P-22** **Diffusion Time Effects on Cortical Neurite Density: Comparing NODDI and SMI Estimates**
Naofumi Yoshida
Laboratory for Brain Connectomics Imaging, RIKEN Center for Biosystems Dynamics Research
- P-23** **Elucidation of neurofluid dynamics along the pyramidal tract and in the ventricular system based on phase-contrast magnetic resonance imaging**
Koei Watanabe
Course of Electrical and Electric Engineering, Graduate School of Engineering, Tokai University
- P-24** **Covariance and heritability of tissue properties amongst human early visual areas**
Maiko Uesaki
Graduate School of System Informatics, Kobe University
- P-25** **A Functional MRI Study of Crossmodal Object Identification between Vision and Haptic**
Takuma Yamamoto
Graduate School of Interdisciplinary Science and Engineering in Health Systems, Okayama University
- P-26** **視覚的ひらめきと脳活動の臨界性：fMRI 研究**
Visual insight and the criticality of brain activity: An fMRI study
村田 勉
Tsutomu Murata
国立研究開発法人情報通信研究機構 未来 I C T 研究所脳情報通信融合研究センター
Center for Information and Neural Networks, Advanced ICT Research Institute, National Institute of Information and Communications Technology
- P-27** **Deep learning-based decoding of hand-sized objects: accuracy and visualization in an fMRI study**
Cui Lang
Graduate School of Engineering, Kochi University of Technology
- P-28** **Enhancement of auditory hand motor performance through inhibition of visual cortex induced by transcranial static magnetic field stimulation (tSMS)**
Morita Tomoyo
Center for Information and Neural Networks, Advanced ICT Research Institute, National Institute of Information and Communications Technology

- P-29** Concurrent neural facilitation of primary motor cortex and higher-order right inferior parietal lobe augments kinesthetic illusory awareness
Ozge Ozlem Saracbası
CiNet, NICT
- P-30** 視触覚クロスモーダルな方向識別の脳機能の検討
Examination of Brain Functions for Cross-Modal Direction Discrimination in Vision and Touch
明谷 祐翔
Yuto Aketani
岡山大学大学院 ヘルスシステム統合科学研究科
Graduate School of Interdisciplinary Science and Engineering in Health Systems Okayama University
- P-31** 視覚的ひらめきにおけるサッカードと全脳ダイナミクスの関係
Interactions Between Saccades and Whole-Brain Dynamics in Sudden Unconscious Visual Insight
川崎 綾子
Ayako Kawasaki
情報通信研究機構 脳情報通信融合研究センター
Center for Information and Neural Networks, Advanced ICT Research Institute, NICT
- P-32** 事前視覚情報の形式がクロスモーダル情報処理に及ぼす影響の検討
An Investigation of the Effects of the Format of Prior Visual Information on Cross-Modal Information Processing
上田 陽大
Hinata Ueda
岡山大学大学院 ヘルスシステム統合科学研究科
Graduate School of Interdisciplinary Science and Engineering in Health Systems Okayama University
- P-33** 感覚運動同期における内部クロックの嗅内皮質グリッド細胞仮説と検証
The Entorhinal Grid Cell Hypothesis of an Internal Clock in Sensorimotor Synchronization and Its Experimental Verification.
植村 真帆
Maho Uemura
武庫川女子大学音楽学部
School of Music, Mukogawa Women's University
- P-34** 経皮迷走神経刺激による深部脳活性化法の提案と検証
Proposal and verification of deep brain activation by vagus nerve stimulation
川原 靖弘
Yasuhiro Kawahara
放送大学
The Open University of Japan

- P-35** GO/NOGO 課題による視覚リズムが運動予測過程に及ぼす影響の検討
Examination of the Influence of Visual Rhythms Induced by GO/NOGO Tasks on Motor Prediction Processes
上野 健太
Kenta Ueno
岡山大学大学院 ヘルスシステム統合科学研究科
Graduate School of Interdisciplinary Science and Engineering in Health Systems Okayama University
- P-36** 持続的注意課題中の課題非関連情報への注意リソース配分：聴覚誘発電位および心拍誘発電位による検討
Allocation of Attentional Resources to Task-Unrelated Information during a sustained attention task: Evidence from Auditory- and Heartbeat-Evoked Potentials
高橋 昂佑
Kosuke Takahashi
東京大学大学院 情報理工学系研究科
Graduate School of Information Science and Technology, The University of Tokyo
- P-37** Differential Effects of Deliberate and Spontaneous Mind-Wandering on Event-related Potentials during the Counting Stroop Task
Takehiro Minamoto
Faculty of Human Sciences, Shimane University
- P-38** Facilitatory and inhibitory effects in pitch-elevation cross-modal correspondence
Zerui Dai
Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology
- P-39** Characteristics of cross-modal negative BOLD response induced by sensory stimuli in the human brain
Toshikazu Miyata
Division of Sensory and Cognitive Brain Mapping, Department of System Neuroscience, National Institute for Physiological Sciences
- P-40** Primary motor cortex can integrate proprioceptive and motor signals bilaterally: Evidence from an EMG-fMRI study
Yandi Tang
Center for Information and Neural Networks, NICT
- P-41** Context-Dependent Changes in Semantic Similarity Networks Derived from Brain Activity
Yuna Uesugi
National Institute of Advanced Industrial Science and Technology (AIST)

- P-42** Push-pull interactions between fronto-temporal core language network and its margin link combinatorial graphemic parsing and compositional phrase structure building
Isao Hasegawa
Niigata University
- P-43** Reaction-time-coupled activity dissociates visual-orthographic and sentence-level pacing mechanisms during self-paced letter-by-letter reading
Ryutaro Kasedo
Division of Neurophysiology, Department of Physiology, School of Medicine, Tokyo Women's Medical University
- P-44** Multiple neural pathways influenced by visual uncertainty during multisensory decision-making
Xiangfu Yang
Okayama University
- P-45** 食品の主観的価値計算：深層学習モデルによる視覚および言語情報の脳内統合過程の解析
Subjective Value Computation of Food: An Analysis of the Neural Integration Process of Visual and Linguistic Information Using Deep Learning Models
青木 悠飛
Yuhi Aoki
一橋大学 ソーシャル・データサイエンス研究科
Graduate School of Social Data Science, Hitotsubashi University
- P-46** Brain-Based Interpersonal Comparison of Utility Using fMRI Decoding from Human Reward Networks
Kaosu Matsumori
Hitotsubashi University
- P-47** ヒトの合意形成における機能的結合の解析
Effective connectivity analysis of human consensus-making
浅水屋 剛
Takeshi Asamizuya
一橋大学 社会科学高等研究院 脳科学研究センター
HIAS, Hitotsubashi University
- P-48** Neural signature of change of mind underlying flexible decision-making
Shota A. Murai
International Research Centre for Neurointelligence (WPI-IRCN), The University of Tokyo
Institutes for Advanced Study

- P-49** 強化学習課題における他者選択観測による価値形成の神経基盤
Neural basis of how observing others' choices influences value shaping in a reinforcement learning task
小川 昭利
Akitoshi Ogawa
札幌学院大学 経済経営学部
Faculty of Economics and Business, Sapporo Gakuin University
- P-50** Dynamic Whole-Brain States Track Value Signals During Decision Making
Madoka Matsumoto
Human Brain Research Center, Graduate School of Medicine, Kyoto University
- P-51** Neural Basis of the Local Primacy Effect: Enhanced Reinstatement of Post-Boundary Items in Medial Parietal Cortex
Chengmei Huang
Graduate School of Engineering, Kochi University of Technology
- P-52** Neural representations of self-estimation calibration and prospective decision control
Yoshinori Nanjo
RIKEN Center for Brain Science
- P-53** Neural Mechanisms Underlying Cognitive Map Updating
Jing Fu
Graduate School of Engineering, Kochi University of Technology
- P-54** 感情表出の意思決定に関わる神経基盤と文化的自己観：fMRI 研究
Neural Basis of Emotional Expression Decisions and Cultural Self-Construal: An fMRI Study
間野 陽子
Yoko Mano
一橋大学 社会科学高等研究院 脳科学研究センター
Hitotsubashi Institute for Advanced Study, Brain Research Center (HIAS-BRC), Hitotsubashi University
- P-55** Self-regulation of the ventral midbrain enhances sustained attention: an fMRI neurofeedback study
Sho K Sugawara
Neural Prosthetics Project, Tokyo Metropolitan Institute of Medical Science
- P-56** Neural mechanisms of humor comprehension in Ogiri tasks
Takuto Shimono
Faculty of Medicine, the University of Osaka

- P-57** 自然動画が喚起する主観的情動スコアを用いた腹側中脳領域の応答予測
Predicting Ventral Midbrain Responses Using Subjective Emotion Scores Evoked by Naturalistic Videos
成瀬 秀蔵
Shuzo Naruse
東京大学大学院 情報理工学系研究科
Graduate School of Information Science and Technology, The University of Tokyo
- P-58** 説明可能な AI を用いたエクマンの基本感情に対する脳波解析
EEG-based classification of Ekman's basic emotions using explainable AI
馬場 大誠
Taisei Baba
豊橋技術科学大学 情報・知能工学系
Department of Computer Science and Engineering, Toyohashi University of Technology
- P-59** 美的体験を表象する脳神経興奮抑制バランス
Neural excitation-inhibition (E/I) balance representing aesthetic experience
蜂谷 風太
Futa Hachiya
豊橋技術科学大学 情報・知能工学系
Department of Computer Science and Engineering, Toyohashi University of Technology
- P-60** Functional Connectivity Pathways Providing Neural Support for Fear-Avoidance Processes in Pain Catastrophizing
Xiaoqian Chang
Graduate School of Medicine, Tohoku University
- P-61** Is there any difference in brain activities during moral judgment between young and old adults? - A fMRI Study -
Hirotoishi Hiraishi
Department of Biofunctional Imaging, Hamamatsu University School of Medicine
- P-62** AI 支援は道徳的責任感と内省的処理を低下させる：量刑判断における道徳的オフローディングの神経基盤
AI Assistance Reduces Moral Responsibility and Introspective Processing: Neural Basis of Moral Offloading in Sentencing Decisions.
鳥毛 颯樹
Satsuki Torige
東北大学大学院 医科学研究科 医科学専攻
Department of Medical Sciences, Graduate School of Medicine, Tohoku University

- P-63** カウンセラの自己一致した言葉による相談者の不安軽減メカニズムとその神経基盤の検討
The mechanisms and neural basis of anxiety reduction by counselors' congruent responses
小笠原 香苗
Kanae Ogasawara
理化学研究所 脳神経科学研究センター
RIKEN Center for Brain Science
- P-64** 心拍への内受容的注意が二者間脳波同期に及ぼす影響
Effects of Cardiac Interoceptive Attention on Inter-Brain EEG Synchrony
藤田 真央
Mao Fujita
奈良女子大学 生活環境学部 心身健康学科
Faculty of Human Life and Environmental Science, Nara Women's University
- P-65** 体力・心血管代謝リスクと海馬サブ領域体積および認知機能との関連：遺伝要因を統制した多変量解析
Associations Between Physical Fitness, Cardiometabolic Risk, Hippocampal Subfield Structure, and Cognitive Function: A Multivariate Analysis Accounting for Genetic Factors
丁 同芳
Tongfang Ding
神戸大学大学院 人間発達環境学研究科
Graduate School of Human Development and Environment, Kobe University
- P-66** 夜勤業務前後の ALPS index 変化と睡眠スコアとの検討
Change in ALPS Index Before and After Night Shift Work and its Relationship with Sleep Score
伏見 育崇
Yasutaka Fushimi
福井大学 高エネルギー医学研究センター
Biomedical Imaging Research Center, University of Fukui
- P-67** 社会的孤立と孤独の脳構造と文化差：UK バイオバンクと東北メディカルメガバンクデータを利用した検討
Brain Structures and Cultural Differences in Social Isolation and Loneliness: A Study Using Data from the UK Biobank and Tohoku Medical Megabank
吉田 一生
Kazuki Yoshida
北海道大学 大学院保健科学研究院
Faculty of Health Sciences, Hokkaido University
- P-68** 創造的脳活動の深部脳仮説の提案と検証
A deep-brain hypothesis of creative brain activities: proposal and demonstration
今井 絵美子
Emiko Imai
神戸大学大学院 保健学研究科 リハビリテーション科学領域
Department of Rehabilitation Science, Kobe University Graduate School of Health

- P-69** **ダイナミックな深部脳活動に基づく咀嚼が認知機能に及ぼす効果**
Understanding of Chewing Effect on Cognitive Performance Based on Dynamic Deep Brain Activity
友田 崇朗
Takao Tomoda
宝塚医療大学
Takarazuka University of Medical and Health Care
- P-70** **Subnucleus-Specific Volumetric Variations in the Amygdala Linking Sleep Health to Cognition in Young Adults**
Tianfang Han
Graduate School of Human Development and Environment, Kobe University
- P-71** **Brain Dynamics During Sleep**
Yang Gao
International Research Center for Neurointelligence (WPI-IRCN), The University of Tokyo
Institutes for Advanced Study
- P-72** **Sleep-Stage-Dependent EEG Spectral Dynamics and Working Memory Recovery during Sleep Inertia**
Chengmi Hu
Graduate School of Engineering, Kochi University of Technology
- P-73** **Facilitation of novel idea generation through the recombination of memories during sleep**
Han Zhang
The University of Tokyo
- P-74** **Phase Aligned Closed-Loop tACS of Sleep Slow Oscillations Modulates Memory Consolidation**
Daisuke Shimane
Research Center for Brain Communication, Kochi University of Technology
- P-75** **認知実験応用のための脳波ニューロフィードバックシステムの構築：fCWT と LSL を用いた解析基盤の検討**
Construction of a EEG-Neurofeedback System for Cognitive Experiment Applications: Study of an Analytical Framework using fCWT and LSL
松本 晃洋
Akihiro Matsumoto
公立小松大学大学院 サステイナブルシステム科学研究科
Graduate School of Sustainable Systems Science, Komatsu University

- P-76** 転倒予防のための VR-ニューロフィードバックトレーニング：前頭前野と補足運動野の標的領域比較
VR-Neurofeedback Training for Fall Prevention: A Comparison of Prefrontal Cortex and Supplementary Motor Area as Target Regions
大川 さくら
Sakura Okawa
川崎医科大学 医学部
Faculty of Medicine, Kawasaki Medical School
- P-77** 三角格子オプトード配置の機能的近赤外分光法による運動関連領域の高空間密度計測
High-Spatial-Density Measurement of Motor-Related Regions Using Functional Near-Infrared Spectroscopy with Triangular Lattice Optode Arrangement
川口 拓之
Hiroshi Kawaguchi
産業技術総合研究所
National Institute of Advanced Industrial Science and Technology (AIST)
- P-78** モノアミン神経系活動の終末糖化産物抑制効果
Effects of monoaminergic neural activity on preventing accumulation of advanced glycation end-products
矢野 美紀
Miki Yano
広島都市学園大学大学院保健学研究科
Graduate School of Health Sciences, Hiroshima Cosmopolitan University
- P-79** Inference-Based Brain Age Gap: A Distributional Measure for Quantifying Brain Aging
Wenjun Bai
ATR
- P-80** 社会的アイデンティティの特徴に関する社会神経科学研究：fMRI 研究
Neural Correlates of Social Identity in Older Men: An fMRI Study
森永 雅央
Mao Morinaga
東北大学 教育学部 教育学科
Tohoku University
- P-81** Diverse Forms of Well-Being: Latent Classes of Well-Being and Brain Functional Differences in the UK Biobank
Yunfeng Zhang
Graduate School of Information Sciences, Tohoku University
- P-82** Evidence From Brain Imaging Indicates Limited Effects of Short-Term Dance Intervention on Task-Related Brain Activities During a Working Memory Task
Reina Takamatsu
Faculty of Policy Studies, Aichi Gakuin University

- P-83** 白質 Free Water 指標による脳クリアランス機能と血漿バイオマーカー縦断的関連
Longitudinal associations between brain clearance function indexed by white matter free water and plasma biomarkers
鄒 蕊
Rui Zou
順天堂大学大学院医学研究科 放射線診断学講座
Department of Radiology, Juntendo University Graduate School of Medicine
- P-84** MRI を用いない経頭蓋時間干渉刺激における脳深部組織での刺激強度の推定
MRI-Free Estimation of Deep-Target Stimulation Intensity in Transcranial Temporal Interference Stimulation
谷津田 哉汰
Kanata Yatsuda
千葉大学
Chiba University
- P-85** Radiomic Tractometry による神経変性疾患の評価
Evaluation of Neurodegenerative Diseases Using Radiomic Tractometry
原 尚央
Naohisa Hara
順天堂大学 医学部 放射線診断学講座
Department of Medicine, the University of Juntendo
- P-86** Validation of DDPM-Generated T1-Weighted MRI for Quantitative Neuroimaging Analysis: A Volumetric Comparison with ADNI Data
Han Xu
Department of Data Science, Juntendo University Graduate School of Medicine
- P-87** レカネマブ治療下 MCI の 12 か月追跡：髄液バイオマーカー、神経心理検査、MRI(体積・脳血流・DTI)の縦断評価
Longitudinal assessment of CSF biomarkers, neuropsychological tests, and MRI metrics (volume, CBF, DTI) over 12 months of lecanemab therapy in MCI
高橋 俊哉
Toshiya Takahashi
京都大学大学院医学研究科脳病態生理学講座臨床神経学
Department of Neurology, Graduate School of Medicine, Kyoto University
- P-88** PET 画像半定量化パイプラインのモジュール化：汎用的な活用可能性を見据えて
Modularization of a PET Image Semi-Quantification Pipeline: Toward Broad and General-Purpose Applicability
中山 顕次郎
Kenjiro Nakayama
筑波大学 人間総合科学学術院
Graduate School of Comprehensive Human Sciences, University of Tsukuba

- P-89** 神経病理から検証する脳MRI解析指標の有用性
Challenge for dynamic neuropathology by using Diffusion tensor imaging
金田 大太
Daita Kaneda
福祉村病院 神経病理研究所
Department of Neuropathology, Fukushima Hospital
- P-90** Fixel-Based Analysis を用いた遅発性ジストニアにおける錐体路白質障害の解明
Elucidating Corticospinal Tract White Matter Impairment in Tardive Dystonia using
Fixel-Based Analysis
鷺田 和夫
Kazuo Washida
兵庫医科大学 脳神経内科
Department of Neurology, Hyogo Medical University
- P-91** Remote Cortical Network for Frontal Cognitive Symptoms derived from Tau Accumulation
in Progressive Supranuclear Palsy
Yuki Hori
Advanced Neuroimaging Center, QST
- P-92** White-matter degeneration and glymphatic dysfunction in myotonic dystrophy type 1: A
diffusion MRI fixel-based analysis
Daisuke Yamanaka
Department of Neurology, Hyogo Medical University
- P-93** 精神神経画像の規範モデリング：横断分析と標準化課題
Normative Modeling in Neuropsychiatric Neuroimaging: Cross-sectional Analysis and
Standardization Challenges
上田 一生
Issei Ueda
東京大学大学院 総合文化研究科附属進化認知科学研究センター
Center for Evolutionary Cognitive Science, Graduate School of Arts and Sciences, The
University of Tokyo
- P-94** 解釈可能性を高めたうつ病症状 - 脳機能結合関連が表す特性・状態の検討
Trait and state characteristics represented by the relationship between interpretability-
enhanced depression symptoms and resting state functional connectivity
堀 祐大朗
Yutaro Hori
国際電気通信基礎技術研究所 脳情報通信総合研究所
Advanced Telecommunications Research Institute International (ATR), Brain Information
Communication Research Laboratory Group

- P-95** Resting state functional connectivity related to the CA1 and subiculum of the hippocampus in major psychiatric disorders
Namrata Tamang
Center for Evolutionary Cognitive Sciences, Graduate School of Arts and Sciences, The University of Tokyo
- P-96** 多施設脳波データを用いた統合失調症と大うつ病性障害の機械学習による分類
Machine Learning Classification of Schizophrenia and Major Depressive Disorder Using Multi-Site EEG Data
西川 剛
Go Nishikawa
東京大学 工学部 計数工学科
Department of Mathematical Engineering and Information Physics, the University of Tokyo
- P-97** 安静時機能的磁気共鳴画像を用いた脳領域間因果性結合による統合失調症の機械学習による判別機の開発
Machine learning classification of schizophrenia using whole-brain effective connectivity estimated by regression dynamic causal modeling from resting-state fMRI
石田 卓也
Takuya Ishida
和歌山県立医科大学神経精神科講座
Department of Neuropsychiatry, Wakayama Medical University
- P-98** 共意識型解離性同一性障害における交代人格の脳科学的実証手法の提案
A proposal for neuroscientific approaches to empirically validate alternate identity states in dissociative identity disorder
梶村 昇吾
Shogo Kajimura
京都工芸繊維大学
Kyoto Institute of Technology
- P-99** Sex Differences in Correlations Between ADHD Traits and Regional Grey Matter Volumes
Handityo Aulia Putra
Dept. of Electrical, Electronics, and Information Engineering, Nagaoka University of Technology
- P-100** 極座標 RCC 法を用いた ADHD と ASD の局所脳機能ネットワーク差異の検出
Differences in Local Brain Networks Between ADHD and ASD Revealed by a Novel Polar Coordinate - Based RCC Method in Resting-State fMRI
河野 理
Satoru Kohno
京都医療科学大学 医療科学部 放射線技術学科
Department of Radiological Technology, Faculty of Medical Science, Kyoto University of Medical Science

- P-101** 学童期 ADHD におけるサブタイプ別の gBOLD-CSF カップリングとグリンパティック機能の特性
Subtype-Specific gBOLD-CSF Coupling and Glymphatic Function in School-Aged Children With ADHD
手嶋 典子
Noriko Teshima
順天堂大学大学院 医学研究科 データサイエンス
Juntendo University Graduate School of Medicine, Department of Data Science
- P-102** Traveling-Subject 補正法を用いた ADHD 児における脳機能特性の検討
Brain functional characteristics in children with ADHD elucidated using TS harmonization
寿 秋露
Qiulu Shou
福井大学 子どものこころの発達研究センター
Research Centre for Child Mental Development, University of Fukui
- P-103** がん疼痛患者における鎮痛薬・向精神薬使用と脳グルコース代謝の関連
Association Between Analgesic and Psychotropic Drug Use and Brain Glucose Metabolism in Cancer Pain Patients
伊藤 留奈
Runa Ito
明治大学大学院 理工学研究科 電気工学専攻
Graduate School of Science and Technology, Meiji University
- P-104** Complex Vector Renormalization with Temporal Coarse Graining for Latent Dynamics in Hierarchical Phase Amplitude Coupling
Yosuke Fujimoto
Department of Neurosurgery, Kobe University Graduate School of Medicine
- P-105** Usefulness of the Scalp EEG over Bone Defect for the Decoding of Muscle Activity
Masahiro Sawada
Department of Neurosurgery, Kyoto University Graduate School of Medicine
- P-106** Picture Naming Recruits Broader Language Network Than Reading: Evidence from Cortical Stimulation Surface Atlas Mapping
Rei Hashimoto
Division of Neurology, Kobe University Graduate School of Medicine
- P-107** Better usefulness of temporal spread imaging (TSI) than ECD on MEG in epilepsy patients before resective epilepsy surgery?
Yu Tamura
Department of Neurology, Kyoto University

- P-108** ヒト海馬 Sharp Wave Ripples と大脳皮質活動との関係
Association between human hippocampal sharp-wave ripples and cortical activity
根岸 克行
Katsuyuki Negishi
大阪大学 大学院 医学系研究科 脳神経外科学
Department of Neurosurgery, Graduate School of Medicine, The University of Osaka
- P-109** SEEG 発作時脳波における患者内多様性：クラスタリング解析が示す複数のてんかん原性ネットワークパターン
Intra-patient diversity of SEEG ictal activity: clustering analysis reveals multiple epileptogenic network patterns
石崎 友崇
Tomotaka Ishizaki
名古屋大学大学院医学系研究科脳神経外科
Department of Neurosurgery, Nagoya University Graduate School of Medicine
- P-110** Functional mapping of semantic processing in the ventral anterior temporal lobe by synonym judgement
Akihiro Shimotake
Clinical Research Center, NHO Utano National Hospital
- LBA-1** Functional connectivity of homotopic perisylvian regions predicts functional status after stroke
Takamichi Tohyama
Department of Rehabilitation Medicine, School of Medicine, Fujita Health University
- LBA-2** An Intrinsic Neural Timescale Analysis of Resting-State fMRI in Internet Addiction
Sufang Tang
Department of Psychiatry and Behavioral Sciences, Graduate School of Medical and Dental Sciences, Institute of Science Tokyo
- LBA-3** Reduced beta-high-gamma coupling during grip in glioma-infiltrated sensorimotor cortex
Yang Yao
Department of Neurosurgery, Kyoto University Graduate School of Medicine
- LBA-4** Value Computations in Pro-environmental Decision-making
Boxuan Song
Graduate School of Social Data Science, Hitotsubashi University
- LBA-5** Identifying Subtypes of Cortical Thickness in Schizophrenia
Anping Song
Department of Psychiatry and Behavioral Sciences, Institute of Science Tokyo

- LBA-6** Neuroanatomical Signatures of Resting-State fMRI Fluctuation Amplitude
Joonas Autio
Department of Neuroscience, Washington University in St. Louis
- LBA-7** EEG エネルギー地形解析に基づく知覚交替の神経メカニズム
Neural Mechanisms of Perceptual Switching Based on EEG Energy Landscape Analysis
和久井 健太
Kenta Wakui
早稲田大学 人間科学部 人間情報科学科
Department of Human Informatics and Cognitive Sciences, School of Human Sciences, Waseda University
- LBA-8** SEEG を用いた時空間的因果性解析による側頭葉てんかんのネットワーク動態の解明
Spatiotemporal Causal Network Dynamics in Temporal Lobe Epilepsy Using SEEG
折原 あすみ
Asumi Orihara
東京科学大学 脳神経外科
Department of Neurosurgery, Institute of Science Tokyo
- LBA-9** 自己責任の被害者に対する無条件の援助行動の神経基盤
Neural Mechanisms Underlying Unconditional Helping Behavior Toward Victims Responsible for Their Harm
軽部 和史
Kazufumi Karube
東北大学大学院 医学系研究科
Graduate School of Medicine, Tohoku University
- LBA-10** Distinct lifespan trajectories of cortical thickness and myelination in the hippocampus versus cerebral cortex: A surface-based analysis
Tomohiro Takenaka
Kyoto University Graduate School of Medicine, Kyoto, Japan
- LBA-11** グラフニューラルネットワークと反実仮想説明を用いたてんかん発作分類
Classification of epileptic seizures using graph neural network combined with counterfactual explanation
本田 純也
Junya G. Honda
豊橋技術科学大学大学院 工学研究科 情報・智能工学系
Department of Computer Science and Engineering, Toyohashi University of Technology
- LBA-12** Evaluation of Surgical Precision Using Multimodal Monitoring: Combined CCEP, SCCEP, MEP, SEP, and Awake Mapping
Otone Endo
Department of Neurosurgery, JA Kainan Hospital

- LBA-13** 字めくり課題 fMRI による 言語ネットワークの皮質表面精密マッピング
Precision Mapping of the Language Network on the Cortical Surface via Letter-by-Letter Reading fMRI
田邊 梨樹
Riki Tanabe
高知工科大学大学院 工学研究科
Graduate School of Technology, Kochi University of technology
- LBA-14** Gray Matter Volume as Predictor of CBT Response in Social Anxiety Disorder
Junbing He
United Graduate School of Child Development, The University of Osaka
- LBA-15** Anterior Ventral Temporal Thickness Correlates with Gaze-related Behavioral Flexibility in Macaques
Chihiro Yokoyama
Faculty of Human Life and Environmental Science, Nara Women's University
- LBA-16** 価格変動のフレーミングが消費者の購買意思決定を歪める神経メカニズム
Neural mechanisms through which price-change framing distorts consumer purchase decisions
大方 翔貴
Shoki Ogata
東北大学 応用認知神経科学センター
Cognitive Neuroscience Application Center, The University of Tohoku
- LBA-17** マスク顔に対する fNIRS 応答と表情評定の表現類似性
Representational Similarity Between fNIRS Responses to Masked Faces and Facial Expression Ratings
田邊 素子
Motoko Tanabe
東北福祉大学 健康科学部 リハビリテーション学科
Department of rehabilitation, Tohoku Fukushi University
- LBA-18** 急性アルコール摂取が安静時脳ネットワークのダイナミクスに与える影響の解明 -NASCAR テンソル分解を用いた解析 -
Effects of acute alcohol consumption on resting-state brain network dynamics, analyzed using NASCAR tensor decomposition
八軒 和輝
Kazuki Hachiken
東京大学大学院 情報理工学系研究科
Graduate School of Information Science and Technology, The University of Tokyo

LBA-19 自己及び他者の身体情報への注意が心拍関連電位に及ぼす影響

The effect of directing attention towards one's own and others' bodily information on heart rate-related potentials

中井 美佑

Miyu Nakai

奈良女子大学大学院 人間文化総合研究科

Graduate School of Humanities and Sciences, Nara Women's University

LBA-20 TMS Mapping Stability in Electric Field Based Approach

Jose Gomez-Tames

Center for Frontier Medical Engineering Chiba University

LBA-21 低磁場スピロック fMRI によるヒト一次視覚野の刺激依存信号変化の探索的検証

Exploratory Human Visual Cortex Imaging Using Low-Field Spin-Lock fMRI

上田 博之

Hiroyuki Ueda

京都大学 大学院工学研究科 電気工学専攻

Department of Electrical Engineering, Graduate School of Engineering, Kyoto University

LBA-22 Neural basis of personal value-based dichotomous judgments: a comparison with rule-based judgments

Sanami Nagata

Graduate School of Medicine, The University of Tohoku

情報交換会
Networking Reception

18:15 ~ 19:45