

# ABSTRACT BOOK



## 11<sup>th</sup> International BCI Meeting

*Building Momentum: Fostering Collaboration in BCI*

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#BCI2025

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## 11<sup>th</sup> International BCI Meeting

### Building Momentum: Fostering Collaboration in BCI

Dear colleagues and participants,

We were thrilled to present to you the Proceedings of the 11th International Brain-Computer Interface (BCI) Meeting in Banff, Canada! As the flagship event of the International BCI Society, this gathering brings together experts from the field to share groundbreaking research, engage in insightful dialogues, and build lasting relationships. Our goal is to inspire and connect you with the latest advancements and opportunities in BCI technology, ensuring we **keep up the momentum and foster collaboration to shape the future of BCIs**.

The International BCI Meeting features dynamic workshops, inspiring posters, and thought-provoking presentations. Special events support growth and collaboration for all expertise levels. Covering foundational, translational, and clinical BCI research, the event drives progress with unmatched energy and enthusiasm. The abstracts collected in these Proceedings highlight the diversity of applications, user needs, and scientific and technological advancements in the field, as presented in the 11<sup>th</sup> edition.

Conducting research with and for end-users is crucial for developing impactful solutions. Co-development and foundational research must work hand in hand to address challenging research questions and reliably capture and translate brain signals into actionable outcomes. Our distinguished keynote speakers embody this approach. The invaluable experiences and profound insights of Melanie Fried-Oken from Oregon Health & Science University, Juan Gallego from Imperial College London, and Karunesh Ganguly from the University of California, San Francisco, inspire us all to push the boundaries of BCI technology.

In addition to our keynote speakers, we like to take a moment to extend our heartfelt gratitude to everyone involved in making the meeting a success. To our helpers, thank you for your unwavering support. To our reviewers, your insightful feedback greatly enhanced our work. And to everyone involved, your collective efforts truly made a difference.

On behalf of the BCI Society and the Program Committee, we extend our sincere thanks for your interest in the BCI Meeting. We look forward to connecting with you at future instalments of the BCI Meeting Series. Your participation is what makes these gatherings truly special, and we can't wait to see the incredible collaborations and research ideas that will emerge.



Reinhold Scherer  
University of Essex, UK  
Scientific Program Committee Chair

# Table of Contents

Development of a Novel Clinical Outcome Assessment: The Digital Instrumental Activities of Daily Living Scale	1
An EEG Artifact Removal Neural Network for BCI Applications with EEG-ViTNet	2
Deep learning-based electroencephalic decoding of coherence and direction of the random dot kinematogram	3
Evaluation of a P300 BCI for augmentative and alternative communication in children with disabilities	4
A Speech Neuroprosthesis for Decoding High Frequency Activity in Anterior Cingulate and Orbitofrontal Cortices and Hippocampus for Phonemes Articulation	5
Ambiguous Text Input for Brain-Computer Interfaces	6
Subject-Transfer Approach based on Convolutional Neural Networks for Classifying Gait-related Motor Imagery	7
A Novel Rhythmic Motor Imagery BCI with High Efficiency	8
Neural encoding and decoding of multidimensional handwriting movement	9
Quantifying the spatial stability of sensory stimulation projected fields for neuroprostheses	10
Mitigating EEG Non-Stationarity in Multi-Session MI BCI with Autoencoder Denoisers	11
Autoregressive model for artifact detection in finger motor imagery decoding for EEG BCI	12
Finding the Groove in Neural Space	13
Asynchronous Voluntary Self-regulated Near-infrared Spectroscopy Brain-Computer Interface for Children with Cerebral Palsy	14
The potential of the 1/f EEG slope at rest for predicting BCI performance: a brain criticality hypothesis for BCI use	15
Speech mode classification from electrocorticography signals	16
Beyond Single Datasets: Transfer Learning for iBCI Decoding	17
Task-Based Functional Network and Topological Data Analysis of Event Related Potentials in Chronic Tinnitus	18
Towards the Clinical Translation of Implantable Brain-Computer Interfaces for Motor Impairment: Research Trends and Outcome Measures	19
Understanding Patient Preferences for Implantable Brain-Computer Interfaces in Motor Neuron Disease: A Cross-Sectional Survey	20
Automatic EEG Channel Optimization Based on Integrated Gradients for Auditory Attention Tasks	21
An SSVEP Regression Network for Cross-stimulus Transfer in SSVEP-BCIs	22
A novel method for visual cortical prosthesis	23
Adaptive EEG-Based Brain-Computer Interfaces for Stroke Patients: A Scoping Review	24
Movement-based navigation of a matrix-speller via EEG	25
Transparent c-VEP-based passive BCI to probe spatial attention	26
A non-invasive brain computer-brain stimulation interface to enhance motor rehabilitation	27
Real-Time BCI Control of a Virtual Third Arm	28
Bilateral frontotemporal neuronal dynamics during natural conversation: Single-neuron insights for BCI technologies	29
Recalibration of implantable brain-computer interface devices to enable long-term independent use: a systematic review	30
EEG-based Motor Imagery Neurofeedback Enhance Mu Suppression during Motor Attempt in Stroke Patients	31
Collaborative Virtual Reality BCI Post-Stroke Neurorehabilitation Using Head-Mounted Displays	32
Self-Correcting Multi-Command Brain-Computer Interfaces based on Error-Related Potentials	33
Exploring Early Predictability of Grasping Movements with non-invasive EEG	34

Defining Out-of-Distribution detection for EEG-BCIs	35
A Continuously Learning Neural Decoder for Versatile and Transferable Motor Control	36
Optimizing Decoder Dynamics Strength for Closed-Loop Brain-Computer Interfaces	37
MultiPy – An open-source Python toolbox for multimodal real-time analysis	38
Exploring fNIRS-guided neurofeedback to alleviate motor symptoms: A proof-of-concept study in Parkinson's disease and healthy older adults	39
Genetic Algorithm Implementation for Intersubject Motor Imagery Classification	40
Bayesian Reinforcement Learning for Optimizing the BCI-Utility of P300 Brain-Computer Interfaces	41
Classification of upper extremity function in stroke using magnetic resonance imaging acquired during Brain-computer interface protocols for neurorehabilitation	42
Building ethics into next-generation BCI: A model for embedded ethics in neurotechnology industry	43
From Physical to Virtual: Expanding Boccia Accessibility through Patient Partner Engagement	44
The first BCI clinical trial for stroke neurorehabilitation in Latin America: The ReHand-BCI trial	45
Wavelet Scattering-based EEG Channel Reduction for Motor Imagery Classification	46
Transformative and Generative Data Augmentation for EEG-based BCIs	47
Too busy to feel? Studying the impact of workload on visuo-tactile perception through EEG	48
Addressing the Non-stationary Learning Problem with Graph Attention Networks in Motor Imagery	49
Dynamic Class Balancing for Real-time Decoder Learning	50
An intuitive, bimanual, high-throughput QWERTY keyboard touch typing neuroprosthesis	51
Virtual Reality-Based Investigation of Error-Related Potentials in ADHD for BCI applications	52
Decoding Hand Gestures from Gyrus and Sulcal Regions of the Sensorimotor Cortex Using High-Resolution fMRI	53
Identifying Brain Activity Biomarkers For Cognitive Skills In Children Aged 7 To 12 Years Using The EPOC X Mobile EEG	54
Should BCIs shape experiences of communication of people with LIS, and if so, how?	55
Imagined Phoneme Decoding and Protocol Optimization for Non-invasive EEG-based Speech BCIs	56
Predicting V1 spiking activity from scalp EEG in macaques	57
BCI Training-Induced Neuroplasticity: Evidence from Long-Term Neural Activity Analysis	58
Impact of Surrounding Audio-Visual Complexity on Symptomatology of Laryngeal Dystonia: A Virtual Reality Study	59
Patient-Specific Visual Neglect Severity Estimation for Stroke Patients using an AR and EEG based BCI	60
Adaptive Closed-Loop Neurofeedback Brain-Computer Interface for Treatment of Laryngeal Dystonia	61
Hardware Friendly Corticomorphic Hybrid CNN-SNN Architecture for EEG-Based Auditory Attention Detection	62
Zero-shot Deep Learning for Calibration-free Motor Imagery BCIs	63
Closed-loop error damping in human BCI using endogenous modifications in motor cortex activity	64
MindVoice: A Multimodal Framework for EEG-Based Speech Decoding	65
Toward Commercialization of a High-Efficiency AAC System with BCI Access for Individuals with Minimal Movement	66
Neuroethical considerations on Brain Computer Interface research in Latin America	67
An Innovative Method for Detecting P300 Signals in Patients with Disorders of Consciousness	68
Measuring motor intent for BCI control – a comparative analysis of the Stentrode and scalp EEG	69
Ear-EEG Auditory Error-Related Potentials	70
A biomimetic iBCI decoder for restoring hand function in people with spinal cord injury	71

The AppleCatcher Game: A Novel Motor Imagery BCI for Hand Rehabilitation	72
Investigating inter-participant performance variability in mental imagery EEG-BCIs: Descriptive methods to analyze inter- and intra-trial signal variation	73
Autonomic Activation, Mental Effort, and Fatigue While Using Non-Implantable RSVP and Matrix cBCIs	74
Comparative Evaluation of Compact and Research-Grade EEG in BCI: P300-Based Visual/Auditory Oddball Tasks	75
Daily independent conversational speech decoding from the intracortical neural activity of a man with ALS	76
A Pilot Study for SSVEP-based Person Recognition	77
Improving P300 BCI Performance with OSCAR	78
Towards a decision-making BCI for dynamic detection of uninformed decisions	79
Investigation on the material-tissue-interface of flexible epicortical electrode arrays in a ferret animal model	80
EEG-Based Brain-Computer Interface for a Tetraplegic Individual Using Motor Imagery for Cybathlon 2024	81
A P300 Brain-Computer Interface as a Diagnostic Tool for Measuring the Efficacy of Psychotherapeutic Intervention	82
Detailed Somatotopy of Speech Articulators in the Somatosensory Cortex to Define Electro cortical Stimulation Location	83
Do Complex Vision Models Improve Feature Alignment with fMRI for Neural Decoding of Visual Stimuli?	84
The neural representation of fine hand movements in an individual approaching locked-in syndrome	85
Redwood: A user friendly extension to the BCPy2000 system for developing advanced BCI Applications	86
Towards Multimodal BCIs for Access: A Performance & Usability Comparison of Individual Modalities	87
Identifying Motor-Specific Biomarkers in Parkinson's Disease: A Focus on Neural Activity in the Primary Motor Cortex	88
BCI-sift: An Automated Feature Selection Toolbox for Brain-Computer Interface Applications	89
Intracortical neural representation of finger movements in a nonhuman primate preserved over 400 days	90
A Transfer Learning Framework for Across-speaker Articulatory Movement Decoding in Sensorimotor Cortex	91
Temporal Dynamics of Neural Activation and Inhibition Patterns During Motor Imagery	92
Toward EEG discrimination of fingers movements during motor imagery vs passive movement	93
Manifold-Based Diffusion Models for Generating Synthetic Motor Imagery EEG	94
Theta-to-Alpha Frequency Ratio as an Indicator of Mindfulness During Binaural Beat Listening	95
Riemannian-Based Convolutional Neural Networks for EEG Classification	96
Brain-Computer Interface Games for Cognitive Assessment: A Scoping Review	97
EEG-based correlates of attention in intracortical BCI motor tasks	98
Advancing speech BCIs towards conversational speeds in people with paralysis	99
$\mu$ ECoG Array with 3,072 Electrodes for High-Density and Large-Area Cortical Recordings Based on Scalable Thin-Film Electronics	100
Quantizing the Growth in Clinical Trials for Implanted Brain-Computer Interfaces Addressing Motor, Sensory, and Communication Applications.	101
Quantifying Neuro-motor Relationships using Deep Learning for Deep Brain Stimulation Targeting in Parkinson's Disease	102
Efficient and accurate cortical spike train decoding for BCI implants with recurrent spiking neural networks	103
Can sex be decoded from MI features in deep learning based BCIs?: an exploratory analysis	104
Evoking Facial Expressions by Functional Electrical Stimulation in Healthy Volunteers	105
Development of Brain-Computer Interface Translational Research Platform in Canine Models	106

Closed-Loop Augmentation of Cognitive States	107
Feasibility of Non-Invasive EEG Brain-Computer Interfaces in Neurologic Music Therapy for Attention Training in Children with Neuromotor Disorders	108
Proprioceptive and Visual Feedback Effects on iBCI Decoding of Hand Grasps	109
The Application of Stereo-electroencephalography for Brain-computer Interfaces	110
Affective-Visual-Voice-Feedback Immersive Brain-Computer Interface Integrating EEG-Based Motor Imagery and Generative AI for Stroke Patients	111
Comparative covariance example selection: a weak labelling approach to MI BCI classification	112
Large-scale fMRI dataset for the design of motor-based Brain-Computer Interfaces	113
Speech decoding performance is influenced by perceiving auditory feedback or not: Implications for locked-in individuals	114
Jitter and Latency Characterization in Closed-Loop Neuromodulation during NREM Sleep in elderly and pathological population	115
Sequential Forward Selection (SFS) for Transfer Learning Source Selection in Motor Imagery BCI	116
Combatting percept adaptation to intracortical microstimulation in humans	117
Functional ultrasound neuroimaging through a human cranial window for decoding of movement effector somatotopy in primary motor cortex	118
Neural Mechanisms of Dual Motor and Language Processing	119
EEG decoding of gait for clinical rehabilitation and assessment	120
A BCI Robotic Glove System for Hand Motor Rehabilitation	121
EEG-based classification of awareness in disorders of consciousness	122
Star-Burst paradigm: implementation of an “invisible” dry-EEG reactive BCI	123
Movement decoding: dealing with neural signal drift	124
Minimal calibration MI-BCIs via inter-subject transfer learning with optimal transport	125
An efficient protocol to optimize ICMS encoding of artificial sensation	126
Multimodal Multivariate Granger Causality Between EEG and fNIRS during an Auditory Task	127
Implementing a Wearable BCI with Patients with Disorders of Consciousness: An Inter-professional Approach	128
Physiologic Manifestations of Communication & Learning in a Patient with Remote TBI & Disorders of Consciousness: Lessons from Establishing a Non-Invasive BCI Protocol	129
Changes in Brain Oscillatory Dynamics in Elderly Adults as a Consequence of Natural Aging	130
Toward Home-Use BCIs: Development and Evaluation of ECoG WIMAGINE Neuroprosthesis	131
Neural control of a robotic hand prosthesis by posture-related activity in the grasping circuit	132
Neurophysiologically-guided optimization of neuronal avalanches for BCI	133
A sEEG-based BCI for Brain-to-Chinese Language Decoding	134
Supporting the user learning process in MI-BCI based on backward adaptation and neurofeedback	135
Development and Validation of a Fully Implantable Brain-Computer Interface System	136
Meta-AlignNN: A Meta-Learning Framework for Stable BCI Performance Across Subjects, Time, and Tasks	137
Decoding of Lower-Limb Movement Intent from Scalp Electroencephalography (EEG) in Children	138
Cognitive requirements for effective brain-computer interface (BCI) use in children with cerebral palsy.	139
Enriching the Image: Does Combining Motor Imagery with Haptic Input Affect the Event-Related Desynchronization?	140
Brain-Computer Interface (BCI) in Latin America: a scientometrics perspective	141

Real-Time Classification and Modulation of the Distractor Positivity with an EEG BCI	143
Examining sEEG Traveling Wave Instances During Speech Production and Auditory Perceptual Contexts	144
Designing an Eye-Gaze Tracking System with Computer Vision to Enhance Children's Intention in BCI	145
The Impact of Directed Attention on ICMS in Human Somatosensory and Motor Cortex	146
Closed-loop applications for deep brain stimulation and code-modulated visual evoked potentials on Dareplane	147
Optimizing P300 Speller Performance through Uncertainty Quantification	148
Error-Positivity Amplification with Alternating-Current Stimulation Augments Perceptual Skills to Detect Errors	149
Stereo-EEG Based Brain Computer Interfacing Across a Large Patient Cohort	150
Efficacy of Recalibration for a P300 Speller	151
Unlocking Neural Patterns: A Graph Neural Network Model to Classify and Analyze EEG Connectivity in Parkinson's Disease	152
Simulated online typing performance in a cBCI using different language models	153
An implantable brain-spine interface restoring lower limb movements in a patient with motor complete spinal cord injury	154
Optimizing Imagined Speech Decoders: A Comprehensive Study on Intra-Subject Classification	155
Brain-Computer Interface Communication Application for Children with Diverse Learning Needs	156
Decoding hierarchical elements of language from speech motor cortex to restore communication for people with ALS	157
Integrating BCI, FES, and social media for Rehabilitation of Upper Extremity Motor Function in Youth	158
Perceptogram: Reconstructing Visual Percepts from EEG	159
A preliminary evaluation of a fully implantable speech BCI	160
A stabilization approach to improve decoding performance using non-linear dynamical models	161
Temporally Interfering electrical stimulation reduce interictal epileptiform discharges in rats	162
Preliminary Evaluation of the Safety of Single-Parameter Ultrasound Stimulation on the Visual Cortex in Rats	163
TMS-based neurofeedback facilitates motor imagery of different hand actions	164
A Brain-Computer Interface Approach to Music and Sound Generation	165
Building a taxonomy of variability factors in active BCI	166
Passive Neuroart BCI for Health: A Perspective	167
Blink Artifacts in EEG For Classifying Sight-read Music	168
Fostering Ethical Neurotechnology Leadership: Preparing BCI Innovators Through Education	169
DBS-evoked ECoG responses in depression: first characterization and possible implications for closed-loop applications	171
Benchmarking one-class Riemannian EEG classifiers to detect wakefulness under general anesthesia	172
Neuromorphic Processing of sEMG Signals for Finger Position Estimation	173
A Novel Fully Implantable High Data Rate BCI for Speech Restoration	174
Enhanced SSVEP Classification with Pre-trained Models: The SSVEP-CAT Approach for Calibration-Free BCI	175
Challenges in Common Spatial Pattern Reliability for Neurofeedback	176
Navigating the clinical trial pathway for implantable brain-computer interfaces: the COMMAND study	177
Clinical Evaluation of Communication Brain Computer Interfaces in Amyotrophic Lateral Sclerosis: A Landscape Analysis	178
Decoding of Coordinated Hand and Arm Movements	179



Motor-imagery neurofeedback for beta downregulation in Parkinson's disease	180
Consumer grade in-ear EEG for at home pediatric BCI	181
Closed Loop Decoding of Ipsilateral and Contralateral Proximal Movements in an Individual with Tetraplegia	182
Designs for no-control functionality using dynamic stopping algorithms as gatekeepers in P300 BCIs	183
Phoneme Sequence Encoding in Ventral Motor Cortex	184
A pilot study towards synthesizing speech during intraoperative recordings using the Layer 7 cortical interface	185
Intraoperative detection and classification of speech neural signals using the Layer 7 Cortical Interface	186
Towards Calibration-Free ECoG-Based Brain-Computer Interfaces: A Dual-Alignment Incremental Approach	187
Recent Improvements of the Wireless Link of the CorTec Brain Interchange Implanted BCI	188
Improving validation of BCI-based CV assessment	189
Enhancing Online Learning through Neuroadaptive Interfaces: The Role of Motivation and Task Load Adaptation	190
Intracortical voice synthesis neuroprosthesis to restore expressive speech to an individual with ALS	191
Simultaneous independent control of two cursors on the first day of intracortical BCI use by a participant with microelectrode arrays in bilateral precentral gyri.	192
A Wearable BCI Mediated Generative AI System for Conversational Interactions	193
Using a Long Short-Term Memory Neural Network for Generation of Control Signals from $\mu$ ECoG Data	194
Decoding gestures from intracortical neural activity in ventral precentral gyrus	196
TALES – Tech, Analysis, Legal, Ethics, Social: A Comprehensive Impact Assessment Framework for Responsible Neurotech Innovation	197
Comparative Analysis of the NeuroExo, the Stentrode, and the N1 BCI devices	198
Multimodal Sensor Fusion for EEG-Based BCI Typing Systems	199
A Family-centered Brain-Computer Interface Clinical Research Program for Children with Severe Disabilities	200
BCI-FIT: Effects of cBCI customization on performance	201
Neural Dynamics of Cognitive Tasks in Human Prefrontal and Parietal Cortex	202
Neural activity during persistent sensations caused by intracortical microstimulation	203
Long-term stability and performance of stimulation and recording in a human participant over 2,800 days	204
Motor imagery and execution activate similar finger representations that are spatially consistent over time	205
Riemannian Tangent Alignment Enhances BCI Decoding Across Subjects, Sessions, and Modalities	206
Decoding Text Embeddings From Functional MRI Data Using Deep Learning	207
Impact of local Laplacian Spatial Filters on C-VEP-Based BCI Performance	208
Clinical Brain Computer Interface for adaptive neuromodulation in Parkinson's disease as regular clinical care: a protocol	209
Reporting checklist for observational implanted and non-implanted neural interface studies: protocol for a Delphi process	210
Multi-gesture BCI control of a communication board	211
Design of a Sensor System for a Semi-Autonomous BCI Controlled Mobility Device	212
Observed Changes in the Visual Odd ball Event-Related Potential in a 10-Session, Longitudinal Study	213
From Research to Reality: Advancing Pediatric BCI Innovations into Clinical Practice	214
Representation of syntax in intracortical inferior frontal gyrus signals	215
Changes in globus pallidus internus local field potentials during freezing-of-gait in Parkinson's disease	216
Evaluation of spatial and frequency features for improving the classification of motor imagery	217

Population Transformer: Learning Population-level Representations of Neural Activity	218
Exploring the Potential of Motor Imagery-Based BCIs for Targeted Motor Function Recovery	219
NAVSync: A Real-Time Neural Audiovisual Synchronization Platform for Silent Speech Research	220
The History and Future of (Re) Defining BCIs	221
Versatile Modular Research Platform for Brain-Wide Neuroscience in Navigating Non-Human Primates	222
An Assessment of the Impact of Feature Preprocessing on Deep Learning Models for P300 Classification	223
Fine-Tuning a Foundation Model for Motor Imagery Pediatric Brain-Computer Interfaces (BCIs)	224
Considerations for Utilizing the mindBEAGLE's Hybrid BCI-Based Paradigms in Bilingual Patients with Decompressive Hemicraniectomy and Hydrocephalus: A Case Study	225
ezmsg: An Enhanced Open-Source Framework for High-Performance Brain-Computer Interface Development	226
Gathering Clinicians' Perspectives for an Initial Design for Hybrid BCI Wheelchair Control	227
Bimanual BCI: Combining a Brain-Controlled Hand Exoskeleton with the Functional Limb	228
Brain-Computer Interface Operation in Virtual Reality for Children with Complex Mobility Needs	229
Brain-Computer Gaming Control through Imagined Speech Commands in Single-player	230
EEG Data Segmentation Inducing Performance Overestimation	231
Robotic Exploratory Control Via Subcortical Oscillations	232
Accuracy Analysis of P300 BCI Famous Face Stimuli	233
Distinguishing foveal and peripheral vision from brain activity using fNIRS	234
Smart Gel-Enabled EEG Systems for Brain-Computer Interfaces in Children with Profound Motor Impairments	235
Parametric control of neurons in IT cortex as a stringent generalization test for deep encoding models	236
Learning cause and effect using a BCI: two case studies	237
Neural Symbolic Regression for Interpretable & Efficient Brain- Computer Interfaces	238
Improving Speech Perception Through Brain-Driven Target Speech Selection	239
Unsupervised Manifold Stabilization Method for Across- Session Brain-Computer Interface Decoding	240
Brain-Informed Auditory Scene Understanding: A Listener-Aware Auditory Foundation Model for Personalized Speech Processing	241
Extensive, non-uniform neural activation from intracortical electrical stimulation drives weak sensory perception in mice	242
Semantic Decoding Advances in BCI via the Novel Graded Inventory of Semantic Triggers (GIST)	243