

POSTER No.	DAY	NAME	PRESENTATION TITLE
CLINICAL			
002	2	Yuki Sakai	Possible Clinical Application of Decoded Neurofeedback to Treatment of Obsessive-compulsive Disorder
005	2	Xiaofu He	Connectivity-based Real-time fMRI Neurofeedback in Youth with a History of Major Depression
008	2	Tomohisa Asai	Normal aging in resting-state brain networks: Toward a connectivity-neurofeedback for the declined metacognition in elderly people
010	2	Teiji Kawano	Assessments of post-stroke aphasia and recovery with the resting state EEG phase synchrony index
013	2	Takashi Itahashi	Normalization of altered functional connection by Real-time fMRI neurofeedback on adults with Autism Spectrum Disorder
016	2	Stephen M LaConte	Cognitive improvement in TBI veterans after rtfMRI DMN neurofeedback
018	2	Mikhail Yevgenievitch Melnikov	THE REAL TIME FMRI NEUROFEEDBACK FOR DEPRESSED PATIENTS COMPARED TO EEG NEUROFEEDBACK AND COGNITIVE-BEHAVIORAL THERAPY
021	2	Naho Ichikawa	Depressive rumination reduced by realtime fMRI neurofeedback of the posterior cingulate cortex (PCC) activity
025	2	Noriaki Yahata	Identification of antidepressant dose-related, resting-state functional connectivity as a novel therapeutic target in neurofeedback: a machine learning-based fMRI study
028	2	Patricia Vargas	Self-regulation of functional connectivity between cerebellum and primary motor areas with real-time fMRI neurofeedback: Differential activation and motor performance
034	2	Leena Subramanian	BRAINTRAIN consortium: Design principles of randomised controlled trials of real-time fMRI neurofeedback with a focus on alcohol dependence
037	2	Jinendra Ekanayak	Modulation of motor circuits in Parkinson's disease - applying realtime fMRI neurofeedback learning in STN-DBS patients
038	2	Jeffrey Eilbott	Resting State Connectivity Predicts Neurofeedback Response in OCD
041	2	Giuseppe Lisi	Functional connectivity rsfMRI as a Biomarker of Mental Disorders
044	2	Andrei Savelov	Recovery of post stroke wrist function under simultaneous fMRI/EEG biofeedback
NEURAL MECHANISM			
046	2	Hiroaki Hashimoto	Swallowing-related oscillatory changes revealed by human electrocorticogram
048	2	June Sic Kim	Discrimination of kinesthetic and visual motor imagery
051	2	Masahiro Takamura	Deactivation of DMN nodes during DLPFC fMRI neurofeedback
054	2	Ranganatha Sitaram	Investigating the neural mechanism of brain self-regulation with simultaneous fMRI-EEG acquisition during rtfMRI neurofeedback
057	2	Shabnam Hakimi	Modeling VTA learning from real-time fMRI neurofeedback
060	2	Guilherme M. de O. Wood	fMRI neurofeedback training of the left insula mediates the outcome of EEG neurofeedback training of the sensorimotor rhythm (12-15 Hz)
063	2	Catharina Zich	Dynamic fMRI-based neurofeedback under the microscope - evidence from the developing brain
065	2	Amelie Haugg	Pre-training localizer activity predicts real-time fMRI neurofeedback learning success
COGNITION AND PERCEPTION			
069	2	Megan A. K. Peters	Improving functional connectivity to prefrontal cortex with decoded neurofeedback
072	2	Jessica Elizabeth Taylor	A DecNef Investigation into the Dissociability of Phenomenal and Access Consciousness
074	2	Hannah Boeijkens	Toward improving motor and working memory function through functional near-infrared spectroscopy neurofeedback
077	2	Lydia Hellrung	rtQC: An open-source collaborative framework for quality control methods in real-time functional magnetic resonance imagin
080	2	Anne Mennen	Inhibiting scene memories through closed-loop modulation of retrieval strength
082	2	Aurelio Cortese	Long-term within-subjects' bidirectional confidence changes induced by multivoxel pattern manipulation
084	2	Brian Odegaard	Investigating the role of prefrontal cortex in conscious perception with decoded neurofeedback
METHOD, THEORY, MATH			

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087	2	Yusuke Takeda	Estimating repetitive spatiotemporal patterns from many subjects' resting-state fMRI data
089	2	Yury Koush	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training
092	2	Shuka Shibusawa	Establishing real-time adaptive transcranial alternating current stimulation (tACS) during whole-head magnetoencephalography (MEG)
097	2	Michael Luehrs	Retrieving fMRI data in real-time: difficulties and pitfalls
099	2	Okito Yamashita	VBMEG : Open-source software for MEG/EEG source localization and dynamics modeling
102	2	Maro Machizawa	A simplified multi-axis affective and cognitive decoded neurofeedback system for anticipation of excitement
104	2	Kathy Louise Ruddy	Changing oscillatory brain state using TMS-based neurofeedback
106	2	Abhishek Bhutada	Automatic digitization and labeling of EEG electrodes from MRI images for rapid coregistration for rtfMRI-EEG neurofeedback.
109	2	Andrea del Pilar Sanchez	Close-loop training of attention using a low-cost EEG device
114	2	Epifanio Bagarinao	Use of a small humanoid robot as a neurofeedback system for motor imagery tasks
117	2	Johan Nicolaas van der Meer	Image Distortion in 7 Tesla and its significance for high-field Amygdala neurofeedback

BRAIN-MACHINE INTERFACE

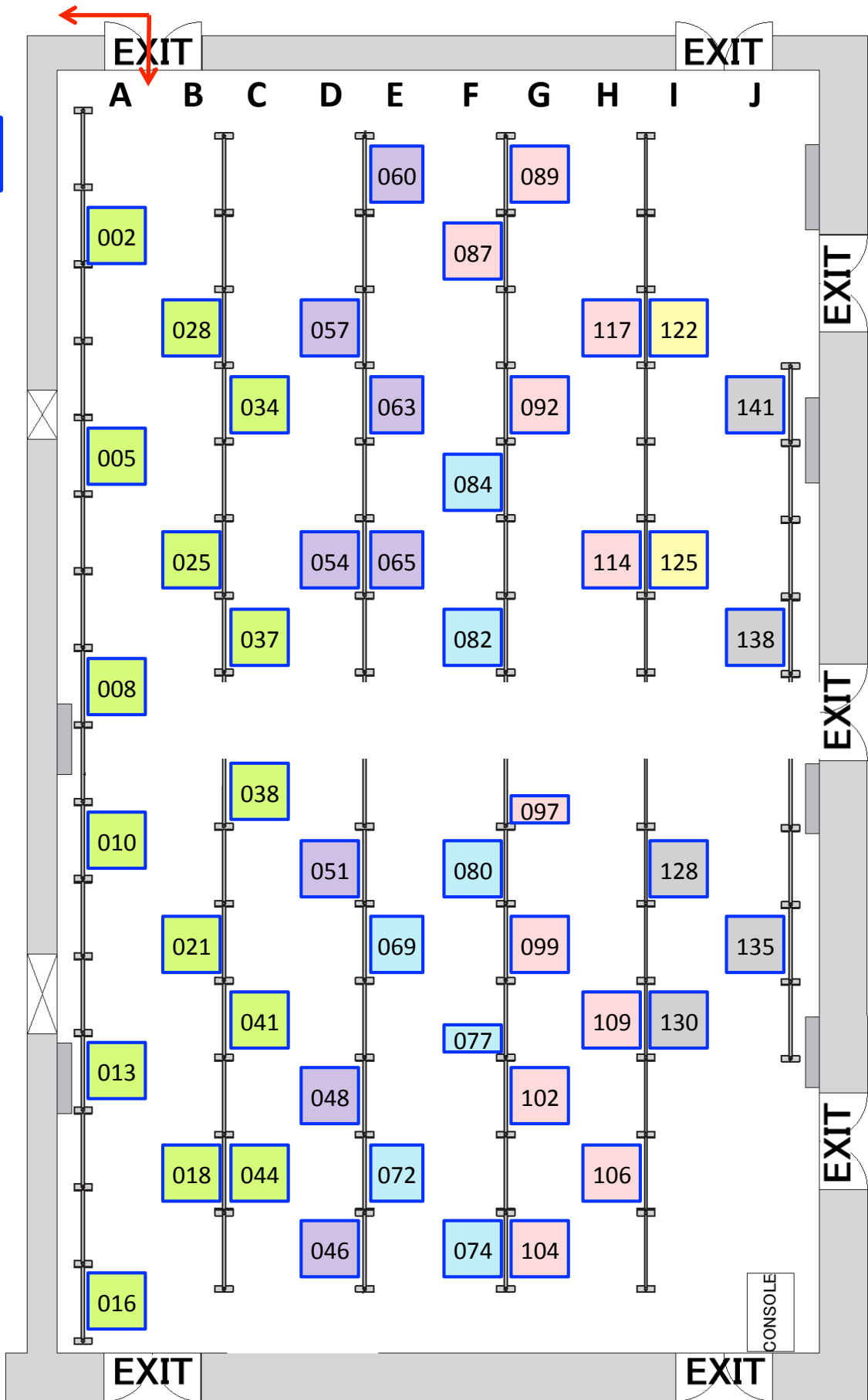
122	2	Shinya Chiyohara	Proprioceptive Gain Affects Motor Learning
125	2	Bettina Sorger	An fNIRS-based brain-machine interface for remote robot control

EMOTION AND SENSORIMOTOR

128	2	Salim Al-Wasity	Empathy and the use of real-time fMRI to learn voluntary regulation of the anterior insula
130	2	Ronald Sladky	Brain networks underlying successful emotion regulation with rt-fMRI neurofeedback
135	2	Ethan Oblak	Motor sequence skill learning by operant conditioning of cortical activity
138	2	Jana Zweerings	Impaired voluntary control of the emotion regulation network in PTSD: probing self-regulation with real-time fMRI
141	2	Masaru Tanaka	Sense of agency altered by cognitive intervention affects motor control

To Noh Hall
(Main Hall)

Day2



- Neural Mechanism
- Clinical
- Method, Theory, Math
- Emotion and Sensorimotor
- Brain-Machine Interface
- Cognition and Perception