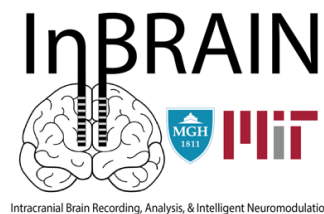


1<sup>st</sup> Annual MGH-MIT InBRAIN

## Human Intracranial Neuroscience Symposium

December 9<sup>th</sup>, 2022

Ether Dome, Massachusetts General Hospital



8:30am	<i>Coffee and pastries</i>		
9:00-9:10	Intro and overview of InBRAIN	Mark Richardson	Brain Modulation Lab (MGH)
<b>Short talks with equal time for presentation (10min) and discussion (10min)</b>			
9:10-9:30	Translating es-fMRI from NHPs to humans	Rui Xu	Desimone Lab (MIT)
9:30-9:50	ECoG-fMRI closed-loop experiments	Ratan Murty	Kanwisher Lab (MIT)
9:50-10:10	Shared brain circuit between beta activity and dopamine	Meera Chikermane	ICN Lab (Charité – Berlin)
10:10-10:30	Functional language localization in intracranial recordings	Eghbal Hosseini Colton Casto	EvLab (MIT)
10:30-10:40	<i>Break</i>		
10:40-11:00	Subcortical aperiodic component of LFPs	Alan Bush	Brain Modulation Lab (MGH)
11:00-11:20	Connecting connectomics to intracranial electrophysiology	Andy Horn	Network Stimulation Lab (BWH/MGH)
11:20-11:40	Patient Engagement Initiative	Ashley Walton	InBRAIN (MIT)
11:40-12:00	Considerations in shifting research from ECoG to SEEG	Nancy Kanwisher	Kanwisher Lab (MIT)
12:00-13:00	<i>Lunch (on one's own)</i>		
13:00-13:20	Naturalistic “experiments” and the neural underpinnings of conversation	Sydney Cash	Cash Lab (MGH)
13:20-13:40	Spatial patterns in invasive neurophysiology	Victoria Peterson	NICA Lab (CONICET Santa Fe)
13:40-14:00	Heterogeneity of temporal response profiles in language electrodes	Tamar Regev Colton Casto	EvLab (MIT)
14:00-14:20	Dopamine modulates cortical encoding of motor intention in Parkinson’s disease	Richard Köhler	ICN Lab (Charité – Berlin)
14:20-14:40	Speech-related spike-phase coupling of subthalamic neurons to the human cortex	Matteo Vissani	Brain Modulation Lab (MGH)
14:40-15:00	<i>Break</i>		
15:00-15:20	Cortical slow waves coordinate competing spikes and spindles in epileptic encephalopathy	Anirudh Wodeyar	Chu Lab (MGH)
15:20-15:40	Uncovering how and why the brain responds to direct electrical stimulation	Angelique Paulk	Cash Lab (MGH)
15:40-16:00	Neural correlates of moment-to-moment variation in Parkinson's motor symptoms	Zeyang Yu	Herrington Lab (MGH)
16:00-16:20	Dopamine and the basal ganglia: Circuits and functions	Julian Neumann	ICN Lab (Charité – Berlin)
16:30	<i>Close</i>		
17:30-20:30	<i>Extended Discussion @ Night Shift Brewing (Lovejoy Wharf)</i>		