Poster #	First	Last	Poster Day	Title
2	Akhil	Bandi	THU	Parietal cortex flexibly represents choices during context-dependent decision-making
3	Argha	Bandyopadhyay	THU	Data-driven removal of neural temporal heterogeneity with Bayesian time warping
4	Patrick	Bloniasz	THU	Statistical model misspecification in power spectral decomposition leads to practical inaccuracies in estimating properties of local field potentials
5	Lea M.	Braun	THU	Entorhinal ultraslow oscillations and sequences across behavioral conditions
6	Kelly	Buchanan	THU	Faster Neural to Speech Decoding with Deep State Space Models
7	Maggie	Cao	THU	A simple method to identify nonlinear transformations across brain regions
8	Carlos Joaquin	Castaneda-Castro	THU	Spike-sorting pipeline for unit isolation and stitching in high-density electrode recordings
9	Matthew	Dowling	THU	A flexible and interpretable statistical model of distributed neural computation
10	Jordan	Elum	THU	Identifying latent neural and behavioral dynamics during naturalistic social behavior
11	Isabel	Garon	THU	Supervised, unsupervised, and semi-supervised Bayesian models for neural manifold estimation
12	Naureen	Ghani	THU	False starts and non-false starts show no obvious neural differences in mice
13	Hamza	Giaffar	THU	Uncovering the odour processing algorithms of the insect Lateral Horn
14	Danny	Goldblum	THU	Comparing Poisson and Gaussian Linear Factor Models in Single and Multi-Region Neural Data
15	Lulu	Gong	THU	Towards multi-timescale neural dynamics inference
16	Tianxiao	He	THU	Blind in-vivo localization of micro-electrode arrays through self supervised learning
17	Jonathan	Huml	THU	Non-Parametric Stitched Measure of Information Flow in High Dimensions with Incomplete Observations
18	Habon	Issa	THU	Neurons together strong: Population responses for identifying more interpretable visual features
19	Aditi	Jha	THU	Characterizing Goal-driven Dynamics Underlying Behavior
20	Pengcen	Jiang	THU	Learning from Multi-Task Teachers: Data-Driven RNNs as Brain Surrogates
21	Zida	Jin	THU	A Collective Perspective of Perceptual Decision-Making Tasks with Recurrent Neural Networks Ensemble
22	T. Anderson	Keller	THU	Amortized Variational Inference of Neural Latent Langevin Dynamics
23	Aravind	Krishna	THU	Flexibility of signaling across and within visual cortical areas V1 and V2
24	Daria	Kussovska	THU	Data-driven classification of human neurons and their role in working memory
25	Kenji	Lee	THU	PhysMAP—interpretable in vivo neuronal cell type exploration, identification, and integration using the multi-modal analysis of electrophysiological data
26	Hyun Dong	Lee	THU	Stiefel manifold dynamical system for tracking neural drift across sessions
27	Sunny	Liu	THU	Neurons together strong: Population responses for identifying more interpretable visual features
28	Xiaoyang	Ma	THU	Label-free classification of SST neuron subtypes using sensory-evoked responses properties
30	Arina	Medvedeva	THU	Revisiting Point Process GLM for Large Neural Datasets
31	Chunming	Zhang	THU	DAG-Informed Structure Learning from Multi-Dimensional Point Processes with Applications to Neuron Spike Train Data
1	Edoardo	Balzani	FRI	Standardizing Systems Neuroscience Analyses with Open Source Software
32	Zeinab	Mohammadi	FRI	State-dependent cortical and behavioral dynamics during decision-making

33	Shoutik	Mukherjee	FRI	Iterative Multi-Agent Reinforcement Learning of Optogenetic Stimulation Policy and Functional Network Estimation
34	Mark	Reimers	FRI	Methods for studying coordination among several separated neural populations.
35	Horacio	Rotstein	FRI	The attributes of monosynaptic pair interactions are shaped by the dynamic properties of the participating building blocks: Implications for inference
36	Anuththara	Rupasinghe	FRI	Continuous partitioning of neuronal variability
37	Zach	Saccomano	FRI	A flexible approach for the causal inference of synapses
38	Umesh	Singla	FRI	Modeling multi-timescale locomotor responses in female Drosophila during social interactions
39	Henry	Smith	FRI	Uncovering the odour processing algorithms of the insect Lateral Horn
40	Atanas	Stankov	FRI	Submillisecond Post-Synaptic Influence of Action Potentials
41	Ian-Christopher	Tanoh	FRI	Fitting neuronal biophysical models from observed extracellular voltage recordings
42	John	Tauber	FRI	Spiking Global Coherence Estimation
43	Yaman	Thapa	FRI	Modeling the statistics of vocal communication by the second, minute, hour, and day in Alston's singing mice
44	Renee	Tung	FRI	Inhibitory circuit synchronization drives working memory computation
45	Andrew	Ulmer	FRI	Identifying interpretable latent factors within and across brain regions
46	Mateo	Umaguing	FRI	Disentangling neuronal contributions to electrophysiological power spectra with filtered point process models
47	Konrad	Urban	FRI	Uncertainty quantification for the analysis of large-scale neural populations with constrained optimization techniques
48	Filip	Vercruysse	FRI	Active learning on Tensor factors for Data-Efficient Predictive modeling
49	Pascal	Wallisch	FRI	A Spline-Based Characterization of Increased Cortical Response Variability in Fmr1 Knockout Mice
50	Ganchao	Wei	FRI	Covariance Regression for High Dimensional Neural Data via Graph
51	Pum	Wiboonsaksakul	FRI	Beneficial effects of alternative stimulation pulse shapes for sensory prostheses: insights from vestibular prosthesis-evoked reflexes and population neural activity
52	Joshua	Wu	FRI	Disentangling latent representations of natural animal behavior from 3D pose
53	Rui	Xia	FRI	A multi-area RNN model of adaptive motor control explains adaptation-induced reorganization of neural activity
54	Qiao	Xu	FRI	Dynamical Motivated Analysis Of Connectome Data
55	Youjing	Yu	FRI	Second-order forward-mode optimization (SOFO) of RNNs for neuroscience
56	Zhuojun	Yu	FRI	How the dynamic interplay of cortico-basal ganglia-thalamic pathways shapes the time course of deliberation and commitment
57	Libby	Zhang	FRI	Dynamic topic decomposition for multi-timescale behavioral syllable sequences
58	Yisi	Zhang	FRI	Computation-Aware State-Space Models for Neural Data
59	Sam	Zheng	FRI	Latent variable model with jumps reveals rich dynamics in hippocampal activity during immobility