

Princeton Computational Memory Lab presentations, SfN 2019

SUNDAY 8:45AM TALK, ROOM S402

111.04 Narratives: fMRI data for evaluating models of naturalistic language comprehension

S. A. NASTASE , Y.-F. LIU, H. HILLMAN, A. ZADBOOD, L. HASENFRATZ, N. KESHAVARZIAN, J. CHEN, C. J. HONEY, Y. YESHURUN, M. REGEV, M. NGUYEN, C. H. C. CHANG, C. BALDASSANO, O. LOSITSKY, M. A. CHOW, Y. C. LEONG, P. P. BROOKS, A. GOLDSTEIN, G. CHOE, K. A. NORMAN, U. HASSON

SUNDAY AM POSTER

Z6 Stimulus prediction in the hippocampus resulting from rapid statistical learning

E. A. MCDEVITT, G. KIM, N. B. TURK-BROWNE, K. A. NORMAN

SUNDAY 1:45PM TALK, ROOM S402

195.04 Temporal integration of narrative information in a hippocampal amnesic patient

X. ZUO, C. J. HONEY, M. D. BARENSE, D. CROMBIE, K. A. NORMAN, U. HASSON, J. CHEN

MONDAY 8:15AM TALK, ROOM S401

274.02 Shared structure in neural activity across individuals during learning and during test facilitates performance in an introduction to computer science course

M. MESHULAM, L. HASENFRATZ, H. HILLMAN, Y.-F. LIU, M. NGUYEN, K. A. NORMAN, U. HASSON

MONDAY 9:30AM TALK, ROOM S405

272.07 Decoding mental walkthroughs of spatial memories in an immersive virtual reality environment

R. MASIS-OBANDO, U. HASSON, K. A. NORMAN, C. BALDASSANO

MONDAY PM POSTERS

BB2 Multiple memories can be simultaneously reactivated during sleep as effectively as a single memory

E. SCHECHTMAN, J. W. ANTONY, A. LAMPE, B. WILSON, K. A. NORMAN, K. A. PALLER

BB6 The impact of predictability on memory representations

M. KUMAR, N. B. TURK-BROWNE, K. A. NORMAN

BB7 Twisting your memory: How the brain rewrites memories as the understanding of the past changes

A. ZADBOOD, S. A. NASTASE, J. CHEN, K. NORMAN, U. HASSON

TUESDAY AM POSTER

DD19 BrainIAK education: User-friendly tutorials for advanced, computationally-intensive fMRI analysis

M. KUMAR, C. T. ELLIS, Q. LU, H. ZHANG, P. J. RAMADGE, N. B. TURK-BROWNE, K. A. NORMAN

TUESDAY PM POSTER

DD62 Model-based multivariate mapping of the visual hierarchy with image synthesis

J. D. WAMMES, D. L. K. YAMINS, K. A. NORMAN, N. B. TURK-BROWNE

WEDNESDAY AM POSTER

BB30 March madness: An fMRI study of continuously updated surprise and suspense during basketball-watching

J. W. ANTONY, S. D. MCDOUGLE, U. HASSON, K. A. NORMAN