



5th Annual NeuroEngineering Symposium

Friday, October 2, 2015
BioScience Research Collaborative (BRC)

Unless otherwise noted, proceedings will take place in the Auditorium.

9:00 AM	<i>Welcome and Introduction</i>
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9:05 AM	<u>Keynote Address I</u> Session Chair: Jacob Robinson, Rice University <i>The Novel Neurotechnologies</i> Rafael Yuste, Columbia University
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10:05 AM	<i>Poster Session I: Odd Poster Numbers (Event Space)</i>
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	<u>Short Talks, Session I</u> Session Chair: Caleb Kemere, Rice University
10:50 AM	<i>How you can get lost in your own backyard with a bad map: Impaired engagement of positional memory following chemogenetic disruption of place field stability</i> Joanna Jankowsky, Baylor College of Medicine
11:25 AM	<i>Opto-Analytical Sensing, Imaging and Stimulation (OASIS)</i> Wei-Chuan Shih, University of Houston
12:00 PM	<i>Hippocampal Replay Correlates with Memory Retrieval in Inhibitory Avoidance Task</i> Chun-Ting Wu, Baylor College of Medicine
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12:15 PM	<i>Lunch (Event Space)</i>
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	<u>Short Talks, Session II</u> Session Chair: Nitin Tandon, University of Texas Health Science Center at Houston
1:15 PM	<i>Population Inference for Functional Brain Connectivity</i> Genevera Allen, Rice University
1:50 PM	<i>Seizure Detection via Autonomic Signatures of Epilepsy: Closing the Loop</i> Shivkumar Sabesan, Cyberonics
2:25 PM	<i>It's about time</i> Harel Shouval, University of Texas Health Science Center at Houston
3:00 PM	<i>The Social Networks of Neural Progenitor Cells</i> Arun Mahadevan, Rice University
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3:15 PM	<i>Poster Session II: Even Poster Numbers (Event Space)</i>
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4:00 PM	<u>Keynote Address II</u> Session Chair: Valentin Dragoi, University of Texas Health Science Center at Houston <i>Tools for Mapping and Fixing the Brain</i> Ed Boyden, Massachusetts Institute of Technology
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5:00 PM	Closing Remarks and Awards
5:15 PM	Reception (Event Space)