Temporal Dynamics of Learning Center
NSF Site Visit
June 13-14, 2012
University of California, San Diego
POSTER/DEMO LIST

June 13 1:15PM-2:00PM
San Diego Supercomputer Center East, Auditorium

POSTERS

1. ***Correlations teased apart, the role of noise in neural correlations,*** Victor Minces, Lucas Pinto, Yang Dan, and Andrea Chiba. Presented by Victor Minces. Initiative 2.

2. ***Representation of interval timing by temporally scalable firing pattern in the prefrontal cortex***, Min Xu, Si-Yu Zhang, Mu-Ming Poo, and Yang Dan. Presented by Min Xu. Initiative 2.

3. ***Spike-timing signals of novelty, place and path in the hippocampus,*** Christopher Nolan and Janet Wiles. Presented by Christopher Nolan. Initiative 2.

4. ***Dopamine-dependent STDP at corticostriatal synapses modulates firing patterns in MSNs***, David A. Peterson and Terrence J. Sejnowski. Presented by David Peterson. Initiative 2.

5. ***Energy conservation principle for human movements,*** Ben Huh and Terrence Sejnowski. Presented by Ben Huh. Initiative 3.

6. ***Learning to interact***, Alex Simpkins and Emo Todorov. Presented by Alex Simpkins. Initiative 3.

7. ***A neural network model of the primate visuo-motor system***, Christopher Kanan and Garrison Cottrell. Presented by Christopher Kanan. Initiative 2.

8. ***Inferring students' knowledge state from study history via collaborative filtering***, Robert Lindsey, Michael Mozer, and Harold Pashler. Presented by Robert Lindsey. Initiative 2, 4.

9. ***Automatic measurement of student engagement in cognitive skill training***, Jacob Whitehill, Zewelanji Serpell, and Javier Movellan. Presented by Jacob Whitehill. Initiative 3.

10. ***Computational exploration of interhemispheric communication***, Ben Cipollini and Garrison Cottrell. Presented by Ben Cipollini. Initiative 2.

11. ***An evaluation of face space architectures***, Adrian Nestor, David Plaut, and Marlene Behrmann. Presented by Adrian Nestor. Initiative 2.

12. ***Modeling the dynamics of face recognition***, David Ross, Stephen Denton, Isabel Gauthier, and Thomas Palmeri. Presented by David Ross. Initiative 2.

DEMOS

1. ***RUBI Net***, Deborah Forster, Mohsen Malmir, Tingfan Wu, Paul Ruvolo, and Javier Movellan. Presented by Deborah Forster. Initiative 1, 3, 4.

2. ***Divvy: Learning cluster analysis through experience***, Joshua Lewis and Virginia de Sa. Presented by Virginia de Sa. Initiative 2.