2014 Collaborative Research in Computational Neuroscience (CRCNS) PI Meeting

Workshop on Open Science and Resources for Computational Neuroscience

Thursday, October 16, 2014

Arizona State University, Memorial Union, Pima Room

MORNING SESSION

8:45	Welcome, Ken Whang, National Science Foundation
9:00-9:10	Richard Gerkin, Arizona State University
	Introduction to the Workshop Themes
9:10-9:30	Yoonsuck Choe, Texas A&M University
	Open Web Atlas for High-resolution 3D Mouse Brain Data
9:30-10:00	Shreejoy Tripathy, University of British Columbia
	NeuroElectro.org: Making the World's Neurophysiology Data Available for Reuse
10:00-10:30	Mitra Hartmann, Northwestern University
	The Digital Rat: Software Tools for Modeling the Spatiotemporal Patterns of Mechanical Input during Whisking Behavior
10:30-10:50	Coffee Break
10:50-11:30	Lydia Ng, Allen Institute for Brain Science
	Overview of the Allen Brian Atlas Data, Tools and API
11:30-12:00	Fritz Sommer, University of California, Berkeley
	NeuroData without Borders and CRCNS.org
12:00-1:00	Lunch on Your Own

AFTERNOON SESSION

1:00-1:40	Stephen Larson, OpenWorm
	The OpenWorm Project
1:40-2:10	Sharon Crook, Arizona State University
	Collaborative Modeling with NeuroML and the Open Source Brain Project
2:10-2:40	Richard Gerkin, Arizona State University
	SciUnit: Data-driven Validation of Models for Neuroscience
2:40-3:00	Afternoon Break
3:00-4:00	Panel Discussion on Open Science and Resources