

# Advanced User Workshop August 2013

This workshop covers advanced topics in OpenSim. The workshop is an opportunity to learn more about how OpenSim works "under the hood" and get supervised, hands-on assistance with problems participants bring to the workshop. On the first day, a conceptual overview of OpenSim will be provided. The second and third days will be devoted to working on problems participants bring to the workshop. Participants have the opportunity to work in small breakout groups with OpenSim experts on their research problems.

This set of wiki pages hosts slides, relevant links, participant project information, and other materials for the workshop.

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## Awards Voting

[Vote for the Final Presentation Awards](#)

## Links

### Main Links

- [OpenSim Download](#)
- [OpenSim Support Page](#)
- [Report a Bug](#) (or add it to the whiteboard)

### Other Helpful Resources

- [Preparing Your Data](#)
- [OLD Overview of the OpenSim Workflow](#)
- [Simulation with OpenSim - Best Practices](#)
- [Scripting](#)
- [Examples and Tutorials](#)
- [Simulation Pipeline Tips](#)

## Agenda

[OpenSim Workshop Agenda](#)

## Roster and Contact Info

[August 2013 Workshop Roster](#)

Stanford NMBL Lab

## Teams

We've grouped together participants working on similar projects. Please find and sit near your team at the workshop:

### Novel Analyses of Movement

*Staff Helpers: James Dunne, Carmichael Ong, Jenny Yong*

- Ryan Bakker
- Lauren Ferris
- Anne Gutmann and Craig McGowan
- Brooke Slavens
- Ine Van Caekenburghe

## Subject-Specific Modeling and Tuning

*Staff Helpers: Apoorva Rajagopal, Massimo Sartori, Ajay Seth*

- Fan Gao
- Thalia Kindt
- Stephen Ruitta
- Liang-Ching Tsai

## Predictive Simulation

*Staff Helpers: Jack Wang, Tim Dorn*

- Anantharaman Gopalakrishnan
- Patrick Kugler

## Designing Assistive Devices

*Staff Helpers: Chris Dembia, Tom Uchida*

- Guarav Mukherjee
- Dong-Wook Rha
- Roy Kornbluh & Adam Ziemba

## Matlab and Python Interfaces

*Staff Helpers: Matt DeMers, Ayman Habib, Luca Modenese*

- Michael Hardisty and Jennifer Symons
- Raghu Ramanathan
- David Walker

## Participant Pages

Each participant has a page on the workshop wiki to add information about his or her project goals and progress during the workshop. Participants, please update your page to include brief information about yourself, any relevant links to your home institution, your project goals slides, final presentation/movies, and any other information that you'd like to share.

- [Bakker, Ryan](#)
- [Ferris, Lauren](#)
- [Gao, Fan](#)
- [Gopalakrishnan, Anantharaman](#)
- [Hardisty & Symons](#)
- [Kindt, Thalia](#)
- [Kornbluh & Ziemba](#)
- [Kugler, Patrick](#)
- [McGowan & Gutmann](#)
- [Mukherjee, Gaurav](#)
- [Ramanathan, Raghu](#)
- [Rha, Dong-Wook](#)
- [Ruitta, Stephen](#)
- [Slavens, Brooke](#)
- [Tsai, Liang-Ching](#)
- [Van Caekenberghe, Ine](#)
- [Walker, David](#)

## Location and Directions

The workshop will be held in the Y2E2 building, room 111. Directions can be found [here](#).

## Workshop Survey

Help us improve OpenSim and future workshops