

Advanced User Workshop March 2014

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, participants will introduce their projects and the OpenSim team will present a lecture on validation for biomechanics. 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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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

[March 2014 Workshop Roster](#)

Stanford NMBL Lab

Participant Projects

Download information about each workshop project [here](#).

Groups and Staff Helpers

We've grouped together participants working on similar projects (based on application area, methods, or both). Please find and sit near your team at the workshop:

Aims & Study Design Consultant: *Jen Hicks*

OpenSim API Consultant: *Ajay Seth*

Dynamics Consultant: *Michael Sherman*

Sports Performance and Injury

- Old Dominion
- Ohio State University

Jenny Yong

Upper Extremity Applications

- University of Delaware
- University of Bath

James Dunne

Model Building

- University of Louisville
- ATLAS (MIT/Beth Isreal)
- Peterson

Matt DeMers

Advanced Matlab Applications

- University of Denver
- Raghu Ramanathan

Ayman Habib

Human/Device Interaction

- Kerestes
- NASA Digital Astronaut
- Beck
- Somerville

Justin Si, Chris Dembia

Clinical Apps: Lower Extremity

- Farris
- Colorado State University
- Griffith University
- Steele
- Stavness

Tom Uchida

Location and Directions

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

Workshop Survey

Help us improve future workshops by completing our [workshop survey](#).