

Advanced User Workshop August 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.



Final Presentation [Awards Voting](#)

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

[August 2014 Workshop Roster](#)

Stanford NMBL Lab

Workshop Slides

[Validation and Verification Talk](#)

Participant Project Goals Slides

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*

API for Contact, Controls, & Optimization

- Daniel Lopes
- Wouter Aerts & Maarten Afschrift
- Zach Lerner
- Wietse van Dijk

Tom Uchida, Justin Si, Soha Pouya

Model Building and Validation

- Ashley Heers
- Marisa Macias
- John Olthoff
- Hossein Mokhtarzadeh
- Ameet Aiyangar

Matt DeMers, Apoorva Rajagopal, Carmichael Ong

Simulation with Clinical Apps

- Sarah Schloemer
- Mahdi Hassan
- Alyssa Schnorenberg & Mathew Varre

James Dunne, Jenny Yong

Simulation and Optimization Approaches in Matlab (& More)

- Mohammad Sharif Shourijeh
- John Rogers
- David Walker
- Chand John

Ayman Habib, Chris Dembia

Location, Travel and Directions

The workshop will be held in the Y2E2 building, room 111. Directions can be found [here](#). More information about making your travel arrangements can be found [here](#).

Workshop Survey

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