

Workshop on Advancing Simulations of Sequences of Earthquakes and Aseismic Slip (SEAS)

Brittany Erickson & Junle Jiang

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Welcome!

Junle Jiang
University of Oklahoma

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Group Goals:

- To verify model outcomes, ensure reproducibility.
- To advance computational methods for SEAS simulations for broadened impact.

Workshop Goals:

- To learn about ongoing SEAS efforts, simulator efforts, and welcome new participants!
- To discuss outcomes of our most recent benchmark problems.
- To discuss the future of SEAS activities.

Many thanks to Tran and Edric for making this workshop happen!

FRIDAY, OCTOBER 30, 2020

Please note that all times listed are Pacific Time or UTC-7.

09:00 - 09:10	Workshop Goals (<i>Brittany Erickson</i>)	
09:10 - 10:00	Session 1: Introduction to SEAS Group & Welcome New Participants <u>Moderator:</u> <i>Tran Huynh</i> Everyone is invited to introduce themselves and/or their (group's) research in a lightning talk (1-2 slides). Tell us about your interest in SEAS activities and what you'd like to get out of the workshop.	<i>All</i>
10:00 - 10:15	<i>Break</i>	
10:15 - 11:00	Session 2: Benchmark BP3 (quasidynamic 2D problem) <u>Moderator:</u> <i>Brittany Erickson</i> Review Benchmark Results Group Discussion	<i>All</i>
11:00 - 11:45	Session 3: Benchmark BP5 (quasidynamic 3D problem) <u>Moderator:</u> <i>Junle Jiang</i> Review Benchmark Results Group Discussion	<i>All</i>
11:45 - 12:30	Session 4: Future Directions for SEAS <u>Moderator:</u> <i>Brittany Erickson</i> and <i>Junle Jiang</i> Earthquake complexity, Simulators, and SEAS (<i>Bruce Shaw</i>) Group Planning for 2021 and Beyond	<i>All</i>
12:30	<i>Adjourn</i>	