

MCS RCN Megathrust Modeling Workshop - Posters

The Poster Reception will be held at the **Gerlinger Lounge** (Gerlinger Hall Room 201), from 5:00-7:30pm on Monday Oct 7. There will be catered appetizers and drinks, plus a cash bar.

If you are presenting a poster, please bring your poster to Gerlinger Lounge to set up during the afternoon break from 2:45-3:15pm Oct 7.

Name	Affiliation	Poster title
Alice Gabriel	LMU Munich	Plastic deformation and seafloor uplift in geomechanically constrained dynamic rupture models of subduction zone earthquakes
Baoning Wu	UC Riverside	Dynamic rupture models for very low frequency earthquakes and tectonic tremors: a mixture of brittle and viscous behavior in fault shear zone
Bar Oryan	Lamont Doherty Earth Observatory, Columbia University	How Slab Dip Reduction Can Produce Extensional Aftershocks above a Megathrust
Ben Duan	Texas A&M University	Developing a dynamic earthquake simulator to explore various slip behaviors along subduction zones
Dmitriy Garagash	Dalhousie University	Slow slip pulses driven by thermal pressurization
E. Fernando Salazar-Monroy	Universidad Nacional Autónoma de México	Tsunami depth water simulation using an elasto-acoustic coupling
Elizabeth Madden	Universidade do Bras	Fluid pressure, megathrust strength & earthquake rupture dynamics
Elizabeth Sherrill	Indiana University	Postseismic afterslip and mantle flow at Nankai subduction zone
Eric Lindsey	Earth Observatory of Singapore	Faults in the stress shadow: High slip rate deficit on shallow megathrusts
Erin Wirth	USGS	3-D Simulations of M9 Earthquakes on the Cascadia Megathrust
Evelyn Roeloffs	U.S. Geological Survey	The Potential of Earthscope Plate Boundary Observatory Borehole Strainmeters to Constrain or Observe Aseismic Slip in the Cascadia "Transition" Zone
Haipeng Luo	University of Victoria	A recent increase in megathrust locking in the southernmost rupture area of the giant 1960 Chile

		earthquake
Hiroshi Sato	Earthquake Research Institute, The University of Tokyo	
James Biemiller	University of Texas at Austin	Towards using seismically constrained mechanical properties in models of shallow slow-slip: insight from southern Hikurangi
Jianhua Gong	MIT-WHOI Joint Program	Imaging the subducted Gorda plate with converted phases from local earthquakes
Jiun-Ting Lin	University of Oregon	
Jiuxun Yin	Harvard University	Seismic signatures of trench rupturing megathrust earthquakes: effects of accretionary-wedge structures
Jonathan Delph	University of Oregon	Structural constraints on non-volcanic tremor along the Cascadia margin
Judith Hubbard	Nanyang Technological University	Frontal thrust ramps do not cause tsunami earthquakes
Kaj Johnson	Indiana University	Afterslip in the ETS zone in SW Japan
Katie Woods	Victoria University of Wellington	A time-dependent inversion of onshore geodetic data for the 2019 Hikurangi subduction zone slow slip event
Kenichi Tsuda	Shimizu Corporation	Incorporation the Results of Experimental Studies into the Dynamic Rupture Simulationso for the Megathrust Earthquakes
Kyle Withers	USGS	Validation of Broadband Ground Motion from Dynamic Rupture Simulations: towards better characterizing seismic hazard for engineering applications
Marlon D. Ramos	University of Michigan	2-D and 3-D Dynamic Earthquake Simulations for the Cascadia Megathrust
Melodie French	Rice University	Slip partitioning along an idealized subduction plate boundary at deep slow slip conditions
Meng (Matt) Wei	University of Rhode Island	Numerical modeling of triggered slow slip events in subduction zones
Michele Cooke	University of Massachusetts Amherst	Onset of slip partitioning under oblique convergence within scaled physical models
Miles Bodmer	University of Oregon	Does Subslab Buoyancy Govern Segmentation of Cascadia's Forearc Topography?
Rishav Mallick	Earth Observatory of Singapore	Long lived Transient Slip Events on the Sunda Megathrust

Rob Witter	USGS	Paleoseismological perspectives on megathrust locking, rupture, and hazard in Alaska
Ryoichiro Agata	The Japan Agency for Marine-Earth Science and Technology (JAMSTEC)	Introduction of covariance components in slip inversion of geodetic observation data with spatial bias
Shannon Fasola	Miami University	Earthquake swarms and slow slip on a sliver fault in the Mexican subduction zone
Shanshan Li	Florida International University	
Suli Yao	The Chinese University of Hong Kong	Ground Motion Prediction Derived from Interseismic Locking Models for the Subduction Zone in Nicoya, Costa Rica
Takane Hori	JAMSTEC	Development of Monitoring and Forecasting Methods for Crustal Activity Utilizing Large-Scale High-Fidelity Finite Element Simulations with 3D Heterogeneous Medium
Tiegan Hobbs	Natural Resources Canada	Unexpected forearc sliver translation during relocking of the Nicoya, Costa Rica megathrust
Tim Lin	University of Oregon	Quick Magnitude Determinism for Megathrust Earthquake with GNSS and Neural Networks
Tyler Newton	University of Oregon	
W. Roger Buck	Lamont-Doherty Earth Observatory	
Wenyuan Fan	Florida State University	
Xiaotao Yang	Harvard University	Characterize the Propagation of Seismic Waves along the Cascadia Subduction Zone through Seismic Interferometry
Yongfei Wang	Southern California Earthquake Center	Geometric Controls on Pulse-Like Rupture in a Dynamic Model of the 2015 Gorkha Earthquake