

Seminar Schedule

The BSL Seminar regularly takes place Tuesdays at 4:00pm (PST) unless otherwise noted. **Seminars will be hybrid with in-person people joining from the BSL Conference Room (220 McCone Hall) and many others joining virtually.** Please email Bruce Buffett (bbuffett@berkeley.edu) to be added to the mailing list to receive the Zoom link.

Fall 2023 Seminars

	Name	Affiliation	Title
August 29	Zach Ross	Caltech	Insights on magma transport and the state of stress in the mantle sill complex beneath Pahala, Hawai'i
September 5	Sonia Tikoo	Stanford	Origins of lunar magnetic records and implications for the Moon's dynamo history
September 12	Joe Byrnes	Northern Arizona University	Lithosphere-Asthenosphere Coupling and the Depth Extent of Anisotropy Beneath the Pacific Ocean
September 19	Sin-Mei Wu	Lawrence Berkeley National Laboratory	From Hydrothermal to Magmatic Systems: Probing the Subsurface with Dense Array Seismology
September 26	Jenny Suckale	Stanford	Why do persistently degassing volcanoes erupt? Preliminary insights from multi-scale, multi-physics modeling
October 3	Wenyuan Fan	UC San Diego	Very low frequency earthquakes in between the seismogenic and tremor zones in Cascadia
October 10	Rodrigo Chi-Duran	UC Berkeley	Waveforms, First Motions and SAR: Revealing North Korea's Nuclear Tests
October 17	Gaspard Farge	UC Santa Cruz	Sounds of the subduction plumbing system — How transient fluid circulation processes in the subduction shape patterns of seismic tremor
October 24	John Vidale	University of Southern California	Earth's inner core is noticeably both rotating and changing

October 31

**No Seminar-
Happy
Halloween!**

November 7

Alice Gabriel

UC San Diego

Rupture Dynamics of Large, Multi-fault Earthquakes: Understanding the physics of the 2023 Kahramanmaraş, Turkey, earthquake doublet using early observations

November 14

Magali Billen

UC Davis

Linking long term deformation of sinking tectonic plates and earthquakes occurring in the deep mantle

November 21

Marine Denolle

University of
Washington

Exploring the Synergy of Cloud Computing and Seismology

November 28

Nori Nakata

Lawrence Berkeley
National Laboratory

Coupling effects of source-path-site for microseismicity characterization

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Spring 2023 Seminars

	Name	Affiliation	Title
January 17	No Seminar		
January 24	Christina Morency	Lawrence Livermore National Laboratory	Subsurface characterization based on seismic, electromagnetic and seismoelectric techniques https://youtu.be/StIKDf9oj0Q (https://youtu.be/StIKDf9oj0Q)
January 31	No Seminar - NEHRP Meeting		
February 7	Dorian Soergel	Berkeley Seismological Laboratory	Measuring azimuthal anisotropy in the Alps from ambient noise beamforming
February 14	Peter Shearer	Scripps Institution of Oceanography	Adventures in Measuring Variations in High-Frequency Radiation for Small to Moderate Earthquakes Link to video on BSL Internal webpage (https://seismo.berkeley.edu/internal/BSL_ONLY_Seminars.html)
February 21	Kenichi Soga	UC Berkeley	Distributed Sensing for Smart Infrastructure https://youtu.be/JnPVKu4RUuQ (https://youtu.be/JnPVKu4RUuQ)
February 28	Fan-Chi Lin	University of Utah	High-resolution crustal imaging using dense seismic arrays: geysers, volcanos, and seismic hazards

March 7	Julia Correa	Lawrence Berkeley National Laboratory	Autonomous and continuous seismic monitoring using distributed acoustic sensings (DAS) and surface orbital vibrators (SOV)
March 14	Gareth Funning	UC Riverside	Why you should consider studying the faults of northern California (if you aren't already!) https://youtu.be/IPr-fu8tRpo (https://youtu.be/IPr-fu8tRpo)
March 21	Nathan Simmons	Lawrence Livermore National Laboratory	The SPiRaL model and the next stage of global tomography at LLNL https://youtu.be/-XyUr6Ou8C0 (https://youtu.be/-XyUr6Ou8C0)
March 28	No Seminar - Spring Break		
April 4	Josh Crozier	United States Geological Survey	Earthquakes and magma resonance reveal the dynamics of a decade long eruption at Kīlauea Volcano< https://youtu.be/ju6wj_UnDuw (https://youtu.be/ju6wj_UnDuw)
April 11	Max Schneider	United States Geological Survey	Effective risk and uncertainty visualization for earthquake hazards Link to video on BSL Internal webpage (https://seismo.berkeley.edu/internal/BSL_ONLY_Seminars.html)
April 18	No Seminar -SSA meeting		
April 25	Martin Karrenbach	Monterey Bay Aquarium Research Institute	Long-Range Fine-Scale Distributed Acoustic Sensing - Challenges and Opportunities Link to video on BSL Internal webpage (https://seismo.berkeley.edu/internal/BSL_ONLY_Seminars.html)