

## Spring 2019 Seminars:

Title	Speaker	Affiliation	Title
January 29	<b>Dr. Walter Mooney</b>	USGS/Menlo Park	The Upper Mantle Beneath North America: A New View from USArray Data
February 5	<b>Prof. William Frank</b>	USC	Self Diagnostic low-frequency earthquakes and the slow slip that drives them
February 12	<b>Prof. Michael Bostock</b>	Univ. of British Columbia	Controls on Seismicity in Cascadia
February 19	<b>Prof. Cliff Thurber</b>	Univ. of Wisconsin	What lies beneath Laguna del Maule, Chile?
February 26	<b>Camilla Cattania</b>	Stanford U.	Crack models to explain seismic cycles at different scales: small repeating earthquakes and vertical strike slip faults
March 5	<b>Dr. Arben Pitarka</b>	LLNL	Ground Motion Simulations of the M7, 2016 Kumamoto, Japan Earthquake Using Physics Based Rupture Models
March 12	<b>Prof. Philippe Lognonné</b>	IPG Paris	SEIS on Mars: Development challenges and first observations <a href="#">Abstract</a>
March 19	<b>Prof. Ebru Bozdog</b>	Colorado School of Mines	Imaging Earth's mantle with adjoint tomography: From measurements to interpretation
March 26	<b>Spring Break</b>		
April 2	<b>Guang Zhai</b>	BSL postdoc	Mechanical Modeling of Fluid-Rock Interactions: Volcano Deformation and Induced Seismicity
April 9	<b>Felipe Gonzalez</b>	EPS postdoc	Melting and stability of minerals at high pressure: consequences for Super-Earths and gas giants
April 16	<b>Prof. Heather Ford</b>	UC Riverside	Imaging the mantle structure of cratons: Implications for the formation and modification of the Wyoming lithosphere
April 23	<b>Mark Jellinek</b>	U. of British Columbia	Ice, fire or fizzle: The climate footprint of Earth's supercontinental cycles
<b>Tuesday, April 30</b>	<b>Jill Banfield (Faculty Research Lecture) 4PM Sibley Auditorium Bechtel Engineering Center</b>		<b>Mysteries of the Invisible World of Microbes</b>
May 7	<b>Tushar Mittal</b>	U.C Berkeley	Eruptive tempo and climatic impact of the Deccan Traps

## Fall 2018 Seminars:

	Speaker	Affiliation	Title
August 28	<b>Kayla Kroll</b>	Lawrence	Testing the Efficacy of

February 14	<b>Han Yue</b>	Caltech	The 2016 Kumamoto Earthquake Sequence: how the main shock starts and stops
February 21	<b>Ana Aguiar Moya</b>	Lawrence Livermore National Laboratory	Data Mining Microseismicity using PageRank
February 28	<b>Pierre Dutilleul</b>	McGill University	Multi-frequential periodogram and correlation analyses of earthquake numbers and hypocenter depths in central California
March 7	<b>Bill Hammond</b>	University of Nevada, Reno	GPS Imaging of Earth's Vertical Motion: From Sierra Nevada to North America

**Monday, March 13, special seminar Room 141 McCone (no seminar March 14th)**

March 13	<b>Harriet Lau</b>	Harvard	Tidal Tomography and Deep Mantle Buoyancy ( <b>Monday seminar</b> )
March 21	<b>Asaf Inbal</b>	BSL	Transient aseismic deformation and deep seismicity along the San-Jacinto and the Newport-Inglewood faults
March 28	<i>spring break</i>		
April 4	<b>Yves Guglielmi</b>	Lawrence Berkeley National Laboratory	Exploring processes of induced seismicity from mesoscale field experiments
April 11	<b>Amir Allam</b>	University of Utah	The Denali Fault as a Plate Boundary: New Results from Double-difference Tomography, Receiver Functions, and Fault Zone Head Waves
April 18	<b>Matt Hornbach</b>	Southern Methodist University	Seismic Imaging of hydrates on US Margins (Arctic/Atlantic) with implications for hydrate/margin stability and climate
April 25	<b>Chris Johnson</b>	BSL	Exit Seminar
May 2	<b>Felipe Orellana Rovirosa</b>	BSL	Exit Seminar
May 9	<b>Anya Reading</b>	University of Tasmania	Ocean Microseisms and Antarctic Lithosphere: Seismological and Interdisciplinary Investigations

**Fall 2016 Seminars:**

	Speaker	Affiliation	Title
Aug 30	<b>Kuo Fong Ma</b>	National Central University, Taiwan	Investigation on fault zone and fluid migration activity after the 1999 M7.6 Chi-Chi, Taiwan, earthquake
Sept 6	<b>Janire Prudencio</b>	BSL	2D and 3D attenuation tomographies of active volcanoes
Sept 13	<b>William Walter</b>	Lawrence Livermore National Laboratory	Explosion Monitoring and the Source Physics Experiment (SPE)

March 31	<b>Estelle Chaussard</b>	UC Berkeley	Interseismic deformation and potential for larger earthquakes on the Hayward-Calaveras Fault system
April 7	<b>Jiayi Xie</b>	University of Colorado Boulder	Inferring the oriented elastic tensor from surface wave observations: Preliminary application across the Western US
April 14	<b>Sarah Bennett</b>	Stanford University	Dig a Little Deeper: Decoding Intermediate-depth Earthquakes
April 21 (Cancelled)	<b>Stephen Morris</b>	UC Berkeley	Modelling of slab-scale stresses caused by the olivine-spinel transformation
April 28	<b>Anne Obermann</b>	Swiss Seismological Service (SED) at ETH Zurich	Monitoring with ambient noise: applications to volcanoes, fault zones and injection wells

## Fall 2014 Seminars:

	Speaker	Affiliation	Title
September 2	<b>Pierre Boue</b>	Stanford	Teleseismic body waves retrieval from ambient seismic noise correlation
September 9	<b>Allen McNamara</b>	ASU	Understanding the compositional structure of Earth's mantle
September 16	<b>Yousef Bozorgnia</b>	UC Berkeley	NGA-West2 Research Project
September 23	<b>Angie Chung</b>	Stanford	Rapidly Evaluating Damage Using High Density Networks in Noisy Urban Environments
September 30	<b>Artie Rodgers</b>	LLNL	Simulations of Earthquake Ground Motions in the San Francisco Bay Area
October 7	<b>Justin Rubinstein</b>	USGS	Determining the Seismic Hazard of Natural and Induced Earthquakes
October 14	<b>Zhongwen Zhan</b>	UC San Diego	Rupture complexity of deep earthquakes: the large, the hot, and the fast
October 21	<b>Adrien Arnulf</b>	UC San Diego	Anatomy of an active submarine volcano using wavefield based techniques
October 28	<b>Ben Brooks</b>	USGS	Harvesting point clouds: Near field deformation from the South Napa Earthquake from Mobile Laser Scanning geodesy
November 4	<b>Meghan Miller</b>	USC	Imaging the upper mantle structure of northwest Africa: Influence of mantle flow on continental deformation
November 11	<b>NONE - Veterans Day</b>		
November 18	<b>Sang-Ho Yun</b>	JPL	InSAR Error Budget in the Air
November 25	<b>Diego Melgar</b>	UC Berkeley	Tsunami inundation prediction with kinematic earthquakes