

## SCITS Affiliates Reception and Fall Meeting Agenda

October 23-25, 2022

Stanford University | 397 Panama Mall | 1<sup>st</sup> Floor - Hartley Conference Room | Stanford, CA

**Sunday, October 23, 2022 | SCITS Reception | 5:00 – 7:00 p.m.**

<b>Monday, October 24, 2022</b>		
Zoom Link: <a href="https://stanford.zoom.us/j/97840052236?pwd=VTA3YVBPUdIwdkI5KzBJaXk5NGdiUT09">https://stanford.zoom.us/j/97840052236?pwd=VTA3YVBPUdIwdkI5KzBJaXk5NGdiUT09</a>		
Password: 034014		
<b>Time</b>	<b>Topic</b>	<b>Presenter(s)</b>
8:00 – 8:45 a.m.	<b>Continental Breakfast</b>	
8:45 – 9:00 a.m.	Welcome and SCITS Program Status	Bill Ellsworth Denise Baughman
<b>Morning Session</b>		
9:00 – 9:30 a.m.	Midland Basin Seismicity and Seismic Response Areas	Jeong-Ung Woo
9:30 – 10:00 a.m.	Are Frac Barriers Also Fault Barriers?	Mark Zoback
10:00 – 10:30 a.m.	Investigation of Elastic Responses of Fluid Interactions to Stanton Earthquake Sequence	Jeong-Ung Woo Bill Ellsworth
10:30 – 11:00 a.m.	<b>Break</b>	
11:00 – 11:30 a.m.	Induced Aseismic Slip and Seismicity in The Cooper Basin EGS Experiment	Eric Dunham Taiyi Wang
11:30 – 12:00 p.m.	Update on Deep Learning for Earthquake Monitoring	Greg Beroza
12:00 – 1:00 p.m.	<b>Lunch</b>	
<b>Afternoon Session</b>		
1:00 – 1:30 p.m.	Educational and Communication Resources for Seismic Hazard and Risk Analysis	Jack Baker
1:30 – 2:00 p.m.	An Ensemble Approach to Characterizing Trailing Induced Seismicity	Ryan Schultz
2:00 – 2:30 p.m.	Basement Fault Activation Before Large Earthquakes in Oklahoma	Yongsoo Park (now at Los Alamos National Lab)
2:30 – 3:00 p.m.	Mechanics of Fault Activation in Oklahoma And Central California	Rosie Ries Greg Beroza
3:00 – 3:30 p.m.	<b>Break</b>	
3:30 – 4:10 p.m.	Ambient Field Monitoring of Seismic Velocity with Application to Groundwater, Disposal and Production Simulations of Rough Faults	Shujuan Mao
4:10 – 5:00 p.m.	Open Discussion	

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**Tuesday, October 25, 2022**

Zoom Link: <https://stanford.zoom.us/j/98003287916?pwd=Y25ZY29YN295cVVOSlBuOGNadDlnQT09>

Password: 626854

<b>Time</b>	<b>Topic</b>	<b>Presenter(s)</b>
8:00 – 9:00 a.m.	<b>Continental Breakfast</b>	
9:00 – 9:30 a.m.	Induced Seismicity Red-Light Thresholds for Enhanced Geothermal Prospects in the Netherlands	Ryan Schultz
9:30 – 10:00 a.m.	Stress, Seismicity, and Fault Slip Assessment for CO2 Storage in Kern County, CA	Arjun Kohli
10:00 – 10:30 a.m.	Induced Seismicity in The New Mexico And Northwest Texas Portion of The Delaware Basin	Justin Rubinstein (USGS) Jeong-Ung Woo
10:30 – 10:45 a.m.	<b>Break</b>	
10:45 – 11:30 a.m.	Open Discussion - Future Directions	Greg Beroza Jack Baker Bill Ellsworth
11:30 a.m.	Adjourn	