

# Overview of Technical Program

## ORAL SESSIONS

### Wednesday, 8 April

	<i>DeAnza Ballroom 1</i>	<i>DeAnza Ballroom 2</i>	<i>DeAnza Ballroom 3</i>	<i>Bonsai Room</i>
8:30–10:00 AM	Global Seismotectonics	New Developments in Seismic and Acoustic Monitoring of Earthquakes and Explosions	Supershear Earthquake Rupture Speeds	M5.4 Mt. Carmel, Illinois, Earthquake, 18 April 2008
10:30–12 NOON	Earthquake Source Mechanics	New Developments in Seismic and Acoustic Monitoring of Earthquakes and Explosions	Supershear Earthquake Rupture Speeds	M5.4 Mt. Carmel, Illinois, Earthquake, 18 April 2008
2:15–3:45 PM	Applications of LiDAR Data to the Study of Active Faults	New Developments in Seismic and Acoustic Monitoring of Earthquakes and Explosions	Earthquake-induced Ground Failure and Site Response: Theory to Observations	Earthquake Damage and Loss Assessment
4:15–5:45 PM	Applications of LiDAR Data to the Study of Active Faults	New Views of the Earth's Interior from Array Analysis	Earthquake-induced Ground Failure and Site Response: Theory to Observations	Earthquake Damage and Loss Assessment

### Thursday, 9 April

	<i>DeAnza Ballroom 1</i>	<i>DeAnza Ballroom 2</i>	<i>DeAnza Ballroom 3</i>	<i>Bonsai Room</i>
8:30–10:00 AM	Central California Coast Earthquake Hazards	Statistics of Earthquakes	Deterministic Simulated Ground Motion Records Under ASCE/SEI 7-05: Guidance for the Geotechnical Industry	Seismological Field Work: The Good, Bad, and Ugly
10:30–12 NOON	Central California Coast Earthquake Hazards	Statistics of Earthquakes	Deterministic Simulated Ground Motion Records Under ASCE/SEI 7-05: Guidance for the Geotechnical Industry	Seismological Field Work: The Good, Bad, and Ugly
1:30–3:00 PM	Advances in Science, Engineering, Public Policy, and Hazard Mitigation as a Result of the 1989 Loma Prieta Earthquake	Earthquake Source Scaling: Advances, Applications, and Outstanding Issues	Deterministic Simulated Ground Motion Records Under ASCE/SEI 7-05: Guidance for the Geotechnical Industry	Volcano Monitoring Using Seismology and Complementary Methods
3:30–5:00 PM	Advances in science, engineering, public policy, and hazard mitigation as a result of the 1989 Loma Prieta earthquake	Earthquake Source Scaling: Advances, Applications, and Outstanding Issues	Maximum Earthquake Magnitudes for Seismic Hazard Analyses	Volcano Monitoring Using Seismology and Complementary Methods
5:15–6:15 PM	Joyner Memorial Lecture			

## Friday, 10 April

	<u>DeAnza Ballroom 1</u>	<u>DeAnza Ballroom 2</u>	<u>DeAnza Ballroom 3</u>	<u>Bonsai Room</u>
8:30–10:00 AM	Great Surface Ruptures	Seismic Imaging: Recent Advancement and Future Directions	Non-Volcanic Tremor	Ground Motions/ Earthquake Hazards
10:30–12 NOON	Great Surface Ruptures	Seismic Imaging: Recent Advancement and Future Directions	Site Effects: Vs30 and Beyond?	Ground Motions/ Earthquake Hazards
1:30–3:00 PM	Seismotectonics and Geologic Hazards along the Basin and Range-Colorado Plateau Transition	Imaging and Discovery from USArray and EarthScope	Site Effects: Vs30 and Beyond?	Global Collaborative Earthquake Predictability Research
3:30–5:00 PM	Seismotectonics and Geologic Hazards along the Basin and Range-Colorado Plateau Transition	Imaging and Discovery from USArray and EarthScope	Site Effects: Vs30 and Beyond?	Global Collaborative Earthquake Predictability Research

## POSTER SESSIONS

### Serra 1 Room, Convention Center

- Wednesday AM**
- Applications of LiDAR Data to the Study of Active Faults
  - Earthquake Damage and Loss Assessment
  - Earthquake-induced Ground Failure and Site Response: Theory to Observations
  - New Views of the Earth's Interior from Array Analysis
  - Wave Propagation
- Wednesday PM**
- Deterministic Simulated Ground Motion Records Under ASCE/SEI 7-05: Guidance for the Geotechnical Industry
  - Earthquake Source Mechanics
  - Global Seismotectonics
- Thursday AM**
- Earthquake Source Scaling: Advances, Applications, and Outstanding Issues
  - Maximum Earthquake Magnitudes for Seismic Hazard Analyses
  - New Developments in Seismic and Acoustic Monitoring of Earthquakes and Explosions
  - Volcano Monitoring Using Seismology and Complementary Methods
- Thursday PM**
- Central California Coast Earthquake Hazards
  - Seismological Field Work: The Good, Bad, and Ugly
  - Site Effects: Vs30 and Beyond?
  - Statistics of Earthquakes
- Friday AM**
- Active-Source Seismic Imaging – Characterizing the Subsurface
  - Global Collaborative Earthquake Predictability Research
  - Seismotectonics and Geologic Hazards along the Basin and Range-Colorado Plateau Transition
- Friday PM**
- Great Surface Ruptures
  - Ground Motions/Earthquake Hazards
  - Seismic Imaging: Recent Advancement and Future Directions