

# AGENDA

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## FRIDAY

- 4 – 7 pm Check-in and Welcome Social. Come see the SCEC display, hors d'oeuvres will be served.  
**Location:** Arms, First floor
- 5 – 6 pm Seismo Lab Tour, *Margaret Vinci (Caltech)*.  
**Location:** South Mudd, First floor
- 6:15 – 6:45 pm Presentation (just added 3/22): Recent earthquake and tsunami in Japan – Tom Heaton (Caltech)**  
**Location: Arms, Sharp Lecture Hall**
- 7 – 8:30 pm Evening speaker: Good vibrations Inside the Earth - *Jennifer Jackson (Caltech)*.  
**Location:** Arms, Sharp Lecture Hall
- 8:30 – 9 pm NAGT-FWS Business Meeting  
**Location:** Arms, Room 151

## SATURDAY

- 6:30 – 8 am Registration, Breakfast and Box Lunch Pick Up.**  
**Location: Arms (NOTE: time pushed back to 6:30 am)**
- 8 am – 5 pm All Day field Trips
- San Gabriel Anorthosite and San Andreas Fault - *Bruce Carter (PCC)*.
  - Devil's Punchbowl and Red Rock Canyon - *Donald Prothero (Caltech/Occidental College)*.
- Location:** Departing South Mudd, First floor
- 8 – 11:30 am Half-day workshops
- Low-T thermometry and thermochronometry and applications (including dating the formation of the Grand Canyon) - *Ken Farley, John Eiler, and Brian Wernicke (Caltech)*.  
**Location:** North Mudd, room 215
  - Earthquake magnitude, energy, and focal mechanisms (beach balls) – *Joann Stock (Caltech)*.  
**Location:** South Mudd, room 162
- 10:15 am Coffee Break (note time change)**
- 12 – 5 pm Half-day field trips

- Erosion and Sediment Transport in Steep Mountain Terrain, San Gabriel Mountains field trip - *Mike Lamb (Caltech) and Jeff Prancevic (Caltech)*.
- Vasquez Rocks field trip - *Elisabeth Nadin (UA/Fairbanks) and Rebecca Walker (Mt SAC)*.

**Location:** Departing South Mudd, First floor

1-4:30 pm

Half-day workshops

- Operations of Community Seismometer Network (How your laptop can help scientists better understand earthquake) – *Tom Heaton and Ming-Hei Cheng (Caltech)*.

**Location:** North Mudd, room 215

**2:30 pm**

**Snack Break (added 3/22)**

6 – 8 pm

Banquet catered by El Portal (separate fee includes dinner, beer, and wine).

**Location:** Winnett Center, Winnett Lounge

7:30 pm

Evening Speaker: -Journey to the Bottom of the Sea: how deep-sea corals calcify and why we care - *Jess Adkins (Caltech)*

**SUNDAY**

7 – 8 am

Breakfast – Omelet Bar

**Location:** Arms

9 am – 12 pm

Half-day workshops

- Historical Earthquakes and Uplift/Subsidence of Sumatra from Coral Growth Rings - *Elisabeth Nadin (UA/Fairbanks) and Belle Philiposian (Caltech)*.

**Location:** Millikan Library, room 621

- Plate Tectonic Rotation of the Transverse Ranges: what happened, how we know it happened, and how it created Southern California's unique geography, climate, ocean currents and biological richness – *Tanya Atwater (UCSB)*.

**Location:** South Mudd, room 162

- Earthquake magnitude, energy, and focal mechanisms (beach balls) – *Joann Stock (Caltech)*.

**Location:** North Mudd, room 215

10:30 am

Coffee Break

**1:15 pm – 4 pm Half-day workshop (ADDED 3/26/11)**

- **Plate Tectonic Rotation of the Transverse Ranges: what happened, how we know it happened, and how it created Southern California's unique geography, climate, ocean currents and biological richness – *Tanya Atwater (UCSB)*.**

**Location:** South Mudd, room 162