Tuesday 12 October 2004

1030  Meet Japanese at SFO with bus
1100  Stop at USGS, Menlo Park to pick up others
1400  Arrive in Monterey for lunch and tour of Monterey Bay Aquarium (additional $18 cost)
1630  Bus group to Asilomar Conference Center
1700  Registration and settle into assigned lodging
1800  Dinner in Crocker Dining Hall
1930  Post-dinner beverages available in “Evergreen” Room

Wednesday 13 October 2004

0730  Breakfast in Crocker Dining
0830  Opening Session- “Kiln” room- Session Chairs Mary Lou Zoback and Shin-ichi Noguchi
       Welcoming Remarks by Panel Co-Chairs Bill Ellsworth and Shigeki Watanabe
0930  David Wald, Rapid post-earthquake information tools from ANSS.
0950  Shin-ya Tsukada, The challenge of earthquake disaster prevention- Earthquake early warning and estimated seismic intensity.
1010  Break
1030  Shin-ichi Noguchi, The Kanto subduction zone: Seismicity, slab deformation and earthquake potential in and around two subducting oceanic plates.
1045  Dave Okaya, Imaging of the earthquake source fault beneath the Tokyo metropolitan region.
1100  Ross Stein, Progress towards a probabilistic hazard analysis for the Kanto region.
1115  Hiroyuki Fujiwara, National seismic hazard mapping project of Japan.
1130 Mary Lou Zoback, USGS Earthquake Hazards Program in Northern California – Probabilities to Prediction.

1145 Ned Field, Collaborative SCEC/USGS efforts to improve seismic hazard analysis: RELM and OpenSHA.

1200 Lunch in Crocker Dining Hall

1330 Afternoon Session- Chairs Eikichi Tsukada and Greg Beroza
   Ray Weldon, From isolated sites to complex ruptures; the next hurdle for paleoseismology on the southern San Andreas fault.

1350 Eikichi Tsukuda, Active fault evaluation and development in paleoseismology, recent progress in Japan.

1410 Joel Johnson, Long-term Paleoseismic earthquake records along the Cascadia subduction zone, and northern SAF based on turbidite stratigraphy.

1430 Takashi Azuma, Importance of the geological investigations of paleoseismology in areas with short history.

1445 Tony Crone, Thrust faults in transpressive strike-slip environments- Role of the Susitna Glacier in the Denali earthquake.

1500 Break

1520 David Schwartz, Earthquake Geology of the Denali Fault System, Alaska

1540 Atsushi Yamagiwa, New GEONET system- Japanese dense GPS observation network for crust monitoring.

1600 Egill Hauksson, Imaging the source region of the San Simeon Earthquake within the weak Franciscan Subduction Complex, central California.

1620 Eric Dunham, Supershear rupture transient recorded during the 2002 Denali fault earthquake.

1640 Paul Sommerville, Differences in earthquake source and strong ground motion characteristics between shallow and buried faulting.

1700 Greg Beroza, Evidence of non-linear strong ground motion from repeating micro-earthquakes.
Thursday 14 October 2004

0730  Breakfast in Crocker Dining Hall

0830  Morning Session- Chairs Tom Jordan and Masaru Kaidzu
Kazushige Obara, Slow earthquake families in the Nankai Trough subduction zone: Non-volcanic tremor, slow slip, and very low frequency earthquakes.

Wendy McCausland, Observations of deep, non-volcanic tremors in Cascadia.

Hitoshi Hirose, Repeating short- and long-term slow slip events with deep tremor activity in the southwest Japan subduction zone.

Akio Katsumata, Low-frequency tremor and slow slip around the probable source region of the Tokai earthquake: A new indicator for the Tokai earthquake prediction provided by unified seismic networks in Japan.

Don Turcotte, Research in earthquake physics, forecasting, and simulation-based probabilistic hazard assessment at UC-Davis.

1010  Break

1030  Noriko Kamaya, New system of information about Tokai earthquake based on pre-slip model.

Eric Calais, Search for precursors and coseismic signals: EM data, GPS TEC, Thermal mapping of Southern California faults.

Margaret Glasscoe, QuakeSim: Simulation and analysis tools for creating a solid earth science framework for understanding and studying active tectonic and earthquake processes.

Masaru Kaidzu, Conventionally detected crustal deformation in Tokai.

Tom Jordan, Foreshock sequences and short-term earthquake predictability on East Pacific Rise transform faults.

1210  Lunch in Crocker Dining Hall
1330  Afternoon Session- Chairs Yoshimitsu Okada and David Hill
Evelyn Roeloffs, Effects of fluid pressure changes on borehole strainmeter data: Studies in preparation for
the Earthscope Plate Boundary Observatory.

1350  Shoji Sakata, In situ measurement of rock viscosities by Sakata-type three-component strainmeters.

1410  Kristine Larson, Modeling the the rupture process of the 2003 Tokachi-Oki earthquake using 1-Hz GPS
data.

1430  Naoji Koizumi, Hydrological changes induced by the 2003 Tokachi-oki earthquake, Japan.

1445  Dave Hill, Earthquakes and mass transport in the crust beneath the Long Valley Caldera - Mammoth
Mountain magmatic systems.

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1500  Break

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1520  Akio Kobayashi, Loosening of the interplate coupling in the focal region of the anticipated Tokai
earthquake induced by the 2000 seismo-volcanic event in the northern Izu islands.

1540  Tetsurou Imakiire, A study on seasonal variation of leveling data in the Omaezaki region.

1600  Rob Wesson, Interpretation of stress orientation in the Peninsular Ranges and Coachella Valley region of
Southern California.

1620  Yoshimitsu Okada, Recurrence of earthquake swarms off eastern Izu Peninsula, central Japan.

1640  Steve Hickman, SAFOD: status and results.

1700  Mark Zoback, SAFOD: Testing fundamental theories.

1720  Free Time

1830  Hawaiian Luau Buffet and No-Host Bar (1800-2200) at Bonfire Area

**Friday 15 October 2004**

0730  Breakfast in Crocker Dining Hall

0830  Morning Session- Chairs Jim Dieterich and Shin-ya Tsukada
Jim Dieterich, Stress changes and non-linear scaling of slip on faults with fractal roughness: Implications
for modeling of fault systems.

0850  Koji Masuda, Experimental and geological studies on slip processes in the deep extensions of seismogenic
faults.
0910  Ken Hudnut, Measuring fault slip- why and how?
0930  David Jackson, Does fault size limit earthquake size?
0950  Brad Aagaard, What controls slip heterogeneity- prestress, fracture energy, or sliding friction?

1010  Break

1050  Akira Hasegawa, An attempt to image earthquake fault plane and asperities by DD tomography for three large shallow inland earthquakes in Japan.

1200  Collect box lunches and complete check-out
1230  Board Bus – depart for SAFOD, Paso Robles
1500  Arrive SAFOD
1800  Arrive in Paso Robles – Check into the Hampton Inn
1915  Board bus for short drive to Paris Restaurant
1930  Dinner at Paris Restaurant, Paso Robles, hosted by Southern California Earthquake Center

**Saturday 16 October 2004**

0730  Breakfast at participants choice of location
0900  Board Bus for field trip to San Andreas Fault and Parkfield
1230  Lunch at Parkfield Cafe
1400  Board Bus & depart for San Francisco
1800  Bus arrives USGS, Menlo Park and Hyatt Regency hotel, Burlingame (SFO)