Wednesday 20 October 2010

8:30 Meet at lobby of Hotel New Otani Nagaoka

AM Landslides caused by the 2004 Mid-Niigata Prefecture (Chuetsu) earthquake
Outcrops of the Katagai fault (western margin fault of Nagaoka plain)

Lunch

PM Kashiwazaki-Kariwa Nuclear Power Plant of the Tokyo Electric Power Company
Seismic observation site in the Niigata Institute of Technology drilled by the Japan Nuclear Energy Safety Organization

17:50 Return to Hotel New Otani Nagaoka

Thursday 21 October 2010

	Presentation Number	Name	Affiliation	Presentation Title
08:30-09:00	Opening and Group Photo			
	Session A Chairperson: Koushun Yamaoka, Ramon Arrowsmith			
09:00-09:15	01	Shigeki Aoki	Japan Meteorological Agency	Complicated fault geometries of shallow destructive inland earthquakes with high aftershock activity -the Mid Niigata Earthquake in 2004 and the Mikawa Earthquake in 1945-
09:15-09:30	02	Tadashi Maruyama	Geological Survey of Japan, AIST	Spatiotemporal variability of earthquake surface rupture behavior and its implications for seismic hazard assessment: insights from paleoseismology of recently appeared surface ruptures in northeast Japan
09:30-09:45	03	Kunihiko Shimazaki	University of Tokyo	Weak surface features of some large shallow crustal earthquakes and evolution of strain release system
09:45-10:00	04	Yukinobu Okamura	Geological Survey of Japan, AIST	Offshore active faults around Japan -recent earthquakes and survey-
10:00-10:15	05	Ramon Arrowsmith	Arizona State University	Recent Earthquake history of the south-central San Andreas Fault
10:15-10:30	Break			
10:30-10:45	06	Kate Scharer	Appalachian State University	Recurrence of Large Earthquakes on the San Andreas Fault, California
10:45-11:00	07	Masanobu Shishikura	Geological Survey of Japan, AIST	Cycle of multi-segment earthquake along the Nankai Trough, revealed by coastal paleoseismology
11:00-11:15	08	Bunichiro Shibazaki	Building Research Institute	Modeling Slow Slip Events and Low-Frequency Tremors in the Kii Peninsula and Tokai Regions
11:15-11:30	09	Koushun Yamaoka	Nagoya University	Japan's approach to the prediction of great earthquakes at plate boundaries
11:30-11:57	poster short presentation (3min×9)			
	P01	Takanori Matsuzawa	National Research Institute for Earth Science and Disaster Prevention	Numerical modeling of slow slip events during seismic cycles of megathrust earthquakes
	P02	Tetsuya Takeda	National Research Institute for Earth Science and Disaster Prevention	The HIZUMI project - Intensive Observations and Researches in the High-Strain-Rate Zone of Japan -
	P03	Yoshihiro Sawada	Association for the Development of Earthquake Prediction	Research Project on Seismic Activity of Nagaoka-seien-fault zone(Western margin of fault zone of Nagaoka Plain)
	P04	Yasuto Kuwahara	Geological Survey of Japan, AIST	Modeling of rheology structures and stress fields in Japan
	P05	Yutaka Mamada	Japan Nuclear Energy Safety Organization	Development of Deep Borehole Seismic Observation System for Nuclear Safety
	P06	Shin Aoi	National Research Institute for Earth Science and Disaster Prevention	Trampoline effect under extreme ground motions
	P07	William Leith (Presentation by Gavin P. Hayes)	U.S. Geological Survey	Progress Developing the USGS Advanced National Seismic System
	P08	Thomas H. Jordan	University of Southern California	A CyberShake-Based System for Operational Forecasting of Earthquake Ground Motions
	P09	Tomokazu Kobayashi	Geospatial Information Authority of Japan	Crustal deformation associated with the 2010 Haiti Earthquake, detected by InSAR analysis using ALOS/PALSAR data

11:57-13:15	Lunch			
13:15-14:15	poster session			
	Session B Chairperson: William Ellsworth, Hiroyuki Fujiwara			
14:15-14:30	10	Wayne Thatcher	U.S. Geological Survey	Application of GPS Data to Seismic Hazard Assessment in California and Elsewhere
14:30-14:45	11	Yoshinori Suzuki (Presentation by Hiroyuki Hasegawa)	Ministry of Education, Culture, Sports, Science and Technology	National seismic hazard maps for Japan and evaluation of long-term possibility of large earthquake occurrence in Japan
14:45-15:00	12	Hiroyuki Fujiwara	National Research Institute for Earth Science and Disaster Prevention	National seismic hazard maps for Japan and seismic hazard information station, J-SHIS
15:00-15:15	13	Brad Aagaard	U.S. Geological Survey	Ground-motion modeling of Hayward fault scenario earthquakes
15:15-15:30	14	Eric M Dunham	Stanford University	Dynamic ruptures on rough faults: Incoherent high frequency ground motion and frequency-dependent far-field radiation patterns
15:30-15:45	15	Morgan Page	U.S. Geological Survey	Solving for Earthquake Rupture Rates on a Complex Fault Network
15:45-16:00	16	William L. Ellsworth	U.S. Geological Survey	Constraints on earthquake dynamics from observations in the near-source region
16:00-16:15	Break			
	Session C Chairperson: Tomokazu Kobayashi, Thomas H. Jordan			
16:15-16:30	17	Nelson Pulido	National Research Institute for Earth Science and Disaster Prevention	2010 Chile Mega-earthquake survey report: Source process and its relation with strong motion
16:30-16:45	18	Mikio Tobita	Geospatial Information Authority of Japan	Coseismic Deformation of the 2010 Yushu Earthquake from PALSAR interferometry
16:45-17:00	19	Susan E Hough	U.S. Geological Survey	Factors Contributing to Damage in Port-au-Prince from the 12 January 2010 M7.0 Haiti Earthquake
17:00-17:15	20	Daisuke Muto	Japan Meteorological Agency	Report on the Earthquake Occurred in Suruga-bay, Central Japan on August 11, 2009
17:15-17:30	21	Bogdan Enescu	National Research Institute for Earth Science and Disaster Prevention	Stress transfer in the Tokai subduction zone from the 2009 Suruga Bay earthquake in Japan
17:30-17:45	22	Masayuki Yoshimi	Geological Survey of Japan, AIST	Surface deformation and tree tilt around surface ruptures of the June 14, 2008 Iwate-Miyagi inland earthquake revealed with terrestrial LiDAR observation
18:15	Reception			

Friday 22 October 2010

Session D
Chairperson: Toshihiro Shimoyama, David Wald

08:30-08:45	23	Gavin P. Hayes	U.S. Geological Survey	The USGS Response to Recent Large Earthquakes
08:45-09:00	24	David Wald	U.S. Geological Survey	Public Release of Estimated Impact-based Earthquake Alerts by the U.S. Geological Survey
09:00-09:15	25	Yoaz Bar-Sever	NASA/JPL	A GPS Real Time Earthquake and Tsunami (GREAT) Alert System
09:15-09:30	26	Takashi Kawasaki	Japan Meteorological Agency	JMA Tsunami Warning Operation for the Chilean Earthquake and Tsunami on 27 Feb, 2010
09:30-09:45	27	Hisao Kimura	Japan Meteorological Agency	Forecast of Earthquake Swarm Activities in the Eastern Izu Peninsula, Central Japan
09:45-10:00	28	Elizabeth S. Cochran	University of California, Riverside	Preliminary Results from the Quake-Catcher Network Rapid Aftershock Mobilization Program (QCN-RAMP) Following the 27 February 2010 M8.8 Maule, Chile Earthquake

10:00-10:20 Break

Session E
Chairperson: David Shelly, Norio Matsumoto

10:20-10:35	29	Naoshi Hirata	University of Tokyo	Seismic hazard in Tokyo area and the Metropolitan Seismic Observation network (MeSO-net)
10:35-10:50	30	Michael Brudzinski	Miami University of Ohio	Relationships between Earthquakes and Episodic Tremor and Slip
10:50-11:05	31	Satoshi Ide	University of Tokyo	Striations, duration, migration and tidal response in deep tremor
11:05-11:20	32	Kazushige Obara	University of Tokyo	Depth-dependent activity of nonvolcanic tremor in the Nankai subduction zone
11:20-11:35	33	Hitoshi Hirose	National Research Institute for Earth Science and Disaster Prevention	Long-term slow slip events and slow earthquake activities around the Bungo channel region, southwest Japan

11:35-11:56 poster short presentation (3min×7)

P10	Amanda Thomas	University of California, Berkeley	Tidal triggering of LFEs near Parkfield, CA
P11	Shinzaburo Ozawa	Geospatial Information Authority of Japan	Characteristic long-term slow slips in the Bungo channel, southwest Japan.
P12	Hisanori Kimura	National Research Institute for Earth Science and Disaster Prevention	Deep Plate Structure, Slow Slip, and Small Repeating Earthquakes off the Kanto Region, central Japan: Active Underplating below the Megathrust Earthquake Zone
P13	Hiroshi Yarai	Geospatial Information Authority of Japan	Improvement in monitoring of crustal deformation in Japan by the new analysis strategy of GEONET
P14	Meghan Miller (Presentation by Adrian Borsa)	UNAVCO	UNAVCO Event response capabilities: Three great earthquakes in the Americas in early 2010
P15	Toshihiro Shimoyama Kazuyuki Hirano	Japan Meteorological Agency	Operating Status and Technical Improvement Plan of JMA Earthquake Early Warning.
P16	Takuya Nishimura	Geospatial Information Authority of Japan	Development of prototype to estimate a fault model using real-time GPS data

11:56-13:10 Lunch

13:10-14:10 poster session

Session F
Chairperson: Kazushige Obara, Amanda Thomas

14:10-14:25	34	Kazutoshi Imanishi	Geological Survey of Japan, AIST	Observation of Non-Volcanic Tremor in Southwest Japan Subduction Zone using Vertical Seismic Array Network
14:25-14:40	35	Norio Matsumoto	Geological Survey of Japan, AIST	Short-term slow slip events in the Tokai region and the Kii peninsula detected by a new borehole strainmeter array
14:40-14:55	36	Kazuhiro Kimura	Japan Meteorological Agency	Short-term Slow Slip Events Detected by the Strainmeters in the Tokai Region
14:55-15:10	37	Abhijit Ghosh	University of Washington	Initial results from the Array of Arrays in Cascadia
15:10-15:25	38	David Shelly	U.S. Geological Survey	Variations in tremor activity and implications for lower crustal deformation along the central San Andreas Fault, California
15:25-15:40	39	Ryosuke Ando	Geological Survey of Japan, AIST	A slip pulse model with fault heterogeneity for slow earthquakes

15:40-15:50 Break

15:50-16:20 Adoption of resolution and Closing remarks

17:10-17:50 Press conference

topic color

1. Earthquake Cycle
2. Episodic Tremor and Slow Slip
3. Strong Motion Prediction and Seismic Hazards
4. Early Warning and Rapid Assessment of Earthquakes and Tsunamis
5. Recent Earthquakes