

# Seismology Forum Meeting 2014

## Recent Advances and New Findings in Seismology

Venue: 2F Colloquium room, the IES building, Academia Sinica

Time: 09:00-17:40 Wednesday, March 19, 2014

Time	Speaker & Title
09:00-09:10	<b>Dr. Lou-Chuang LEE</b> (Director of IES) Opening speech
09:10-09:50	<b>Prof. Hiroo KANAMORI</b> (Caltech) "Unexpected" or "Expected" Earthquakes?
09:50-10:10	<b>Dr. Ben CHAO</b> (IES) Recent findings in Earth's normal modes of free oscillation
10:10-10:30	<b>Prof. Jer-Ming CHIU</b> (University of Memphis) Lessons we have learned from seismological observations in the Taiwan region
10:30-10:50	Break
10:50-11:30	<b>Prof. Jim MORI</b> (Kyoto University) Drilling to the Fault of the 2011 Tohoku-oki Earthquake to Investigate the Large Slip
11:30-11:50	<b>Dr. Jeen-Hwa WANG</b> (IES) A dynamical study of source displacement spectra of earthquakes
11:50-12:10	<b>Dr. Yen-Yu LIN</b> (NCU) Constant duration P-wave observations for events Mw 0.5 to Mw 2.0 from the TCDP borehole seismometers
12:10-14:00	Lunch
14:00-14:20	<b>Dr. Lou-Chuang LEE</b> (IES) An Electric Coupling Model for the Lithosphere-Atmosphere-Ionosphere System
14:20-14:50	<b>Prof. Victor C. TSAI</b> (Caltech) Improving Estimates of Tsunami Propagation Speed
14:50-15:20	<b>Prof. Takuto MAEDA</b> (ERI) Tsunami Forecasting in Japan Trench by Real-time Data Assimilation
15:20-15:40	<b>Prof. Yih-Min WU</b> (NTU) A high density seismic network for earthquake early warning in Taiwan based on low cost sensors
15:40-16:00	Break
16:00-16:20	<b>Dr. Hung-Chie CHIU</b> (IES) Effects of rotation motions on a seismogram
16:20-16:40	<b>Prof. Kate Hui-Husuan CHEN</b> (NTNU) Discrimination between fault-zone damage and near-surface damage effects after a large earthquake: Observation and simulation of repeating earthquakes
16:40-17:00	<b>Dr. Hsin-Hua HUANG</b> (IES) Advance of Taiwan seismic tomography: its tectonic implications and challenges
17:00-17:20	<b>Dr. Cédric LEGENDRE</b> (IES) Rayleigh Wave Tomography Beneath Eastern Asia
17:20-17:40	Discussion

※ Online register and meeting information: <http://tec.earth.sinica.edu.tw>