

2nd International Workshop on Earthquake Preparation Process: Observation, Validation, Modeling, Forecasting (IWEP2 2015)

Date: May 29-30, 2015
Venue: Chiba University

Scope of the workshop

The year of 2015 is the 20 years memorial year after the 1995 Kobe (Hanshin-Awaji) Earthquake Disaster in Japan. Following the earthquake, many destructive earthquakes took place in the world; the 2004 Sumatra Great Earthquake, Indonesia, the 2008 Sichuan Earthquake, China, the 2011 Tohoku Great Earthquake, Japan, and so on. Detection of multiple earthquake precursory signals has been reported based on the analysis of satellite and ground-based data. New observations from space and ground have provided multiple evidences for detection of pre-earthquake signals and the latest studies show their statistical significance, repeatability, and universality. In this workshop, while we still discussing the applicability of various pre-earthquake signals towards short term earthquake forecasting, we plan to explore different physical mechanisms for their generating and propagation. Discussions on earthquake forecast testing, multi-parameter observation and international joint research, are also included.

Topics

- General discussion on earthquake preparation process and the physics of pre-earthquake signals
- Theory, modeling, laboratory experiments, computational simulation for generation and propagation of pre-earthquake signals and their connection with seismic cycle
- Multi-parameter observations, detection, and validation of pre-earthquake signals
- Cross-disciplinary studies, practical and technical approaches for better understanding of earthquake preparation processes and their connection with seismicity
- Other related topics on earthquake preparation processes

Venue

The workshop will be held at Chiba University (Nishi-Chiba Campus), Chiba, Japan on May 29-30, 2014. Access information:

<http://www.chiba-u.ac.jp/e/about/campus/access/index.html>

http://www.chiba-u.ac.jp/e/about/campus/nishichiba/tour_nishichiba.html

Participant & Registration

Participants of the workshop will be scientists and students interested in this field. Participants from the industry are very welcome. All participants are subject to register in advance through e-mail as written in the following. Invited talks and contributed papers (oral and poster talks) will be presented in the workshop. *This workshop is free of charge.*

< [Registration form \(Word format\)](#) >

Abstract Submission & Deadline

The abstract of the paper (A4, 1 page) should be submitted to the following address in the PDF or MS-Word *by April 30, 2015.*

✉ hattori@earth.s.chiba-u.ac.jp

Welcome Party

Welcome party for all participants will be held at 19:00 on May 29, 2015. Fee for the party will be around 6,000JPY (55US\$). More details would be available soon.

VISA

Participants, who need Japanese VISA, please send an email to the following address for invitation letter.

✉ hattori@earth.s.chiba-u.ac.jp

Sponsor

- [Chiba University, Japan](#)



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- [National Space Organization, Taiwan](#)
- Committee of Natural Disaster Prevention using Electromagnetic Methods, The Institute of Electrical Engineers of Japan (?)
- The Earthquake Prediction Society of Japan (?)

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