



**Program of JAEE Annual Conference and
International Symposium on Earthquake Engineering 2015
Ver. 5 (as of November 17, 2015)**

Day 1, Thursday, November 19, 2015

9:00–10:50 Keynote Lectures

Chair: Prof. Yoshiaki Nakano (Chair of Conference Committee, The University of Tokyo)

- **Opening Speech:** Prof. Kimiro Meguro (President of JAEE, The University of Tokyo)
- **Civil Engineering:** Prof. Yoshikazu Takahashi (Kyoto University)
- **Geotechnical Engineering:** Prof. Susumu Yasuda (Tokyo Denki University)
- **Mechanical Engineering:** Prof. Satoshi Fujita (Tokyo Denki University)
- **Seismology:** Prof. Muneo Hori (The University of Tokyo)
- **Architectural Engineering:** Prof. Nobuo Fukuwa (Nagoya University)

10:50–11:00 Break

11:00–12:00 Regular Poster Session (1)

12:00–13:00 Lunch Break

13:00–14:50 Special Session (A), International Session on Seismic Protective Systems

Coordinator: Prof. Taichiro Okazaki (Hokkaido University)

- Prof. James Ricles (Lehigh University)
- Prof. Akira Nishitani (Waseda University)
- Prof. Ian Buckle (University of Nevada)
- Prof. Masato Motosaka (Tohoku University)

14:50–15:00 Break

15:00–16:00 Poster Presentation of International Symposium Session

16:00–16:10 Break

16:10–18:00 Special Session (B), Oral Presentation of International Symposium Session

Chair: Prof. Ji Dang (Saitama University)

- 1) Dr. Hari Ram PARAJULI (Kyoto University): Learning from the Barpak-Gorkha, Nepal Earthquake of 25 April, 2015
- 2) Dr. Anatoly PETUKHIN (Geo-Research Institute): Simulation of Ground Motions for Heterogeneous Source Models Using Reciprocity Approach: Example for Anticipated M9 Nankai Trough Earthquake and Osaka Konohana Site
- 3) Prof. Bhuddarak CHARATPANGOON (Kyoto University): Failure and Breach Analysis of an Earthen Dam During the 2011 Tohoku Earthquake
- 4) Dr. Sunggook CHO (INNNOSE TECH Co. Ltd.): Mechanical Characteristics of Elasto-Plastic Coil Spring Damper for Structural Seismic Response Control
- 5) Mr. Shigeru IHARA (Metropolitan Expressway Company Ltd.): Simulated Loading Experiments of a Hybrid Structural Footing Embedded with Steel Grid Members
- 6) Prof. Erick MAS (Tohoku University): Tsunami Evacuation Planning and Response Supported by Simulation Tools

18:00–18:15 Break

18:15– Exchange Party (On-site reservation is required.)

Day 2, Friday, November 20, 2015

9:00–10:50 Special Session (C) Seismic Designs in Various Engineering Fields

Coordinator: Prof. Hiroshi Isoda (Kyoto University)

- **Architectural Engineering:** Dr. Hiroshi Fukuyama (Building Research Institute)
- **Civil Engineering:** Prof. Takeshi Nagao (Kobe University)
- **Mechanical Engineering:** Dr. Shigenobu Onishi (Chubu Electric Power Co. Inc.)
- **Geotechnical Engineering:** Dr. Hiroshi Arai (National Institute for Land and Infrastructure Management)
- **Ground Motion:** Dr. Kenichi Kato (Kobori Research Complex Inc.)

10:50–11:00 **Break**

11:00–12:00 **Regular Poster Session (2)**

12:00–13:00 **Lunch Break**

13:00–14:50 Special Session (D), Cross-Ministerial Strategic Innovation Promotion Program (SIP)

Coordinator: Dr. Hiroyuki Fujiwara (National Research Institute for Earth Science and Disaster Prevention (NIED))

- **Session Objectives:** Dr. Hiroyuki Fujiwara (NIED)
- **Overview of SIP Disaster Reduction:** Prof. Masayoshi Nakashima (Program Director, Kyoto University)
- **Subject 1, Tsunami Prediction:** Dr. Shin Aoi (NIED)
- **Subject 5, Damage Prediction and Situation Assessment:** Dr. Hiroyuki Fujiwara (NIED)
- **Subject 6, Information Dissemination:** Dr. Hiroshi Kumagai (National Institute of Information and Communications Technology (NICT))
- **Subject 7, Application Development:** Dr. Yoshiyuki Kaneda (Japan Agency for Marine-Earth Science and Technology (JAMSTEC))
- **Subject 4, Information Sharing:** Dr. Yuichi Usuda (NIED)

14:50–15:00 **Break**

15:00–16:00 **Regular and SIP Poster Session**

16:00–16:10 **Break**

16:10–18:00 Special Session (E), JAEE President Special Project, ‘Thinking Current Condition and Measures Against All Hazards Assumed in Megacities’

Coordinator: Prof. Yoshiaki Hisada (Kogakuin University)

- **Current Situation:** Prof. Yoshidaki Hisada (Kogakuin University)
- **Fire Disaster:** Prof. Takaaki Kato (The University of Tokyo)
- **Flood Disaster:** Dr. Miho Ohara (Public Works Research Institute)
- **Mechanical Systems:** Prof. Satoshi Fujita (Tokyo Denki University)
- **Business Continuity Planning:** Mr. Wataru Inomata (Tokyo Gas Co., Ltd.)