

Information for Participants

The conference will provide an opportunity for participants to disseminate new knowledge in earthquake engineering and disaster mitigation, absorb new developments, share recent experiences, as well as new practices and codes. Participants of the conference will include national and international practicing engineers from consultants, contractors, buildings, infrastructures, mining, and oil-gas developers/companies, government officials, scientists from universities and research institutions, disaster managers, and other related organizations in earthquake disaster mitigation.

Prospective authors are invited to submit an abstract of conference topics. The official language for paper and presentation is English.



Please register using either on-line or off-line pre-registration form. Your information will be used for communication related to the conference.

Website for the conference:

<http://www.si.itb.ac.id/iceedm08/conference.html>

Registration Fee

International participants:

On or Before Jan 31, 2008: USD 250

After Jan 31, 2008: USD 300

Indonesian participants:

On or Before Jan 31, 2008: Rp 1.200.000,-

After Jan 31, 2008: Rp 1.500.000,-

For each additional paper, an extra of USD75 is required for international participants and Rp. 300.000,- for local participants.

Financial Supports

Limited financial supports are available for full-time students and members of the Indonesian Earthquake Engineering Association based on application.

Coverage

1. Full registration fee for international participants covers:

- Submittal fee for one paper
- All technical sessions

- Program and proceedings (CD)
- Conference kit
- Coffee break and working lunch
- Traditional performance with dinner

2. Full registration fee for local participants covers:

- Submittal fee for one paper
- All technical sessions
- Program and proceedings (CD)
- Conference kit
- Coffee break and working lunch

Topics

Conference Theme: *Earthquake Disaster Risk Reduction: Engineering Challenges after Recent Disasters*

The topics include the followings:

- Probabilistic and Deterministic Seismic Hazard Assessment
- Seismic Zonation and Microzonation
- Geotechnical Earthquake Engineering
- Soil-Structure Interaction
- Performance-based Design
- Case Histories in Recent Earthquakes
- Case Histories in Earthquake Engineering Design and Construction
- Tsunami Modeling
- Early Warning System
- Seismic and Tsunami Disaster Mitigation and Management
- Retrofit, Rehabilitation, and Reconstruction
- Non-engineered Buildings
- Community-based Disaster Risk Management

Keynote Speakers

neo Katayama (President of International Association for Earthquake Engineering)

Anil K. Chopra (University of California at Berkeley, USA), *Estimating Seismic Demands for Performance-Based Seismic Engineering of Buildings.*

Amr S. Elnashai (Mid America Earthquake Center, USA), *Applications and Challenges of Scenario-based Analytical Earthquake Impact Assessment.*

Peter Fajfar (University of Ljubljana, Slovenia), *Seismic Performance of Infilled Frames.*

Tsuneo Katayama (International Association for Earthquake Engineering, Japan), *Our Ignorance, Over-Confidence, and Arrogance before the 1995 Kobe Earthquake.*

Kenji Okazaki (National Graduate Institute for Policy Studies, Japan), *Convincing People for Safer Housing Against Earthquakes.*

Paul Somerville (URS Corporation, Pasadena-USA), *Recent Advances in Earthquake Ground Motion Analysis for Seismic Design Criteria of Structures.*

Adang Surahman (Indonesian Earthquake Engineering Association & Professor at ITB, Indonesia), *Probabilistic Seismic Hazard Assessment and Structural Performance Against Seismic Actions.*

Invited Speakers

Teddy Boen (World Seismic Safety Initiative, Indonesia), *Engineering Non-Engineered Buildings.*

K.C. Chang (Chinese Society of Structural Engineering, Taiwan), *Research and Application of Precast Bridge Piers for Seismic Regions.*

Hirokazu Iemura (Kyoto University, Japan), *Earthquake and Tsunami Damage Survey in Indonesia and Recommendation for the Reconstruction.*

I.M. Idriss (University of California at Davis, USA), *Recent Advances in the Development of Empirical Procedures for Estimating Earthquake Ground Motions.*

Tso C. Pan (NTU, Singapore), *Recent Developments in Understanding the Seismic Hazard in Singapore.*

Mark Peterson (US Geological Survey, USA), *State of the Art on Probabilistic Seismic Hazard Analysis.*

M.P. Singh (National Science Foundation, USA), *Vibration Response-Based Health Monitoring of Structural Systems.*

Yasuo Tanaka (Kobe University, Japan), *Seismic Microzonation and Strategies for Disaster Risk Reduction.*

Wiratman Wangsadinata (Tarumanegara University, Indonesia), *Current Practices on Seismic Design of High-rise Buildings in Indonesia.*