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Pennung Warnitchai	<i>Note: * To be confirmed</i>
Ser Tong Quek	

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Important Dates

Deadline for submission of abstract	2014.04.30
Opening date for online registration	2014.04.30
Notification of abstract acceptance	2014.06.31
Deadline for submission of full manuscript	2014.08.15
Conference	2014.10.16~18

Language

English will be used as official language in the conference.

Inquiry

All inquiries relating to the conference should be addressed to:

ACEE2014 Conference Secretariat
National Center for Research on Earthquake Engineering
200, Sec. 3, Xinhai Rd., Taipei 10688, Taiwan
E-mail: acee2014@ncree.narl.org.tw
Tel: +886-2-6630-0888
Fax: +886-2-6630-0858

Dr. Kung-Chun Lu

Tel: +886-2-6630-0234
E-mail: kclu@narlabs.org.tw

Conference Website

The conference website is located at

<http://acee2014.ncree.org.tw/>

The conference website will be continuously updated with the latest conference information.

5th Asia Conference on Earthquake Engineering

第五屆亞洲地震工程研討會

5ACEE

October 16-18, 2014 Taipei, Taiwan

Call for Papers

Organized by

NAR Labs

National Applied Research Laboratories

National Center for Research
on Earthquake Engineering



National Taiwan University

Introduction

The Asia Conference on Earthquake Engineering (ACEE) was initiated by the Associations of Structural Engineers of Philippines (ASEP) in 2004, to provide a forum for the academics, researchers and the professionals involved in various aspects of earthquake engineering. The first two conferences were held in the Philippines, and were attended by hundreds of participants, mostly from the home country.

The third ACEE was held in Bangkok, Thailand, Dec. 1-3, 2010, and was co-organized by four organizations, i.e. the Asian Institute of Technology (AIT), the Center for Urban Earthquake Engineering (CUEE) in Tokyo Institute of Technology (TIT), The Engineering Institute of Thailand (EIT) and the Earthquake Engineering Society of Korea (EESK). During the third ACEE, nearly 100 papers were received from more than 20 countries and nearly 100 participants out of nearly 200 conferees were practicing engineers, involved in various aspects of earthquake engineering.

The previous ACEE, the fourth ACEE, was jointly held with the Ninth International Conference on Urban Earthquake Engineering (9CUUE), called the 9CUUE & 4ACEE Joint Conference, and was organized by the Center for Urban Earthquake Engineering (CUEE) in Tokyo Institute of Technology (TIT). Thanks to the successful combination of the 9CUUE and 4ACEE, there were about 300 papers presented in the 9CUUE & 4ACEE Joint Conference.



The Fifth Asia Conference on Earthquake Engineering (5ACEE) will be held at Howard International House in Taipei, Taiwan from October 16 (Thursday) to 18 (Saturday), 2014 with the theme "Earthquake Engineering for Resilient Communities". This conference will be jointly organized by the National Center for Research on Earthquake Engineering (NCREE) and the National Taiwan University (NTU). 5ACEE will provide an excellent forum to bring together researchers, professionals, engineers, scientists and academics to promote and exchange new ideas and experiences in the field of earthquake engineering.

Considering the serious near-fault seismic disaster observed during the 1999 Chi-Chi Earthquake, NCREE is on the way to setting up a new long-stroke high-velocity shaking table system in a new laboratory of Tainan-branch to develop near-fault seismic resistance technology. The construction of the new laboratory in Tainan will start in 2015 and will hopefully be completed in 2017. On the first day of the conference, NCREE is going to host a special forum to commemorate the 15th anniversary of the Mw-7.6 Chi-Chi Earthquake. Interested researchers are welcome to join the discussion in the forum and the conclusions will become the basis for planning future research topics.

Conference Theme and Topics

Theme: Earthquake Engineering for Resilient Communities

1. Engineering seismology

Source characterization and simulation, Hazard assessment, Ground motion studies, Seismic networks and monitoring, Site effects, Early warning, Near-fault effect, Earthquake precursor

2. Tsunamis

Hazard assessment, Earthquake sources, Wave propagation, Impact, Early warning

3. Geotechnical earthquake engineering

Ground failure and liquefaction, Soil-structure interaction, Seismic design of foundations

4. Innovative design of new structures

Materials, Buildings, Bridges, Critical facilities, Non-structural components

5. Seismic evaluation and retrofit of existing structures

Materials, Buildings, Bridges, Critical facilities, Non-structural components

6. Infrastructures and lifeline systems

Risk Assessment, Multi-hazards

7. Urban risk assessment and emergency management

Social and economic aspects, Rapid structural assessment, Management policies, Loss estimation, Vulnerability analysis, Risk assessment and management

8. Seismic issues on nuclear power plants

9. Others

Call for Papers

Prospective authors are invited to submit abstracts of no more than 400 words. Submission of abstract should be made on the conference website. The format for the layout of the digital files should follow the format instructions.

Keynotes

Masayoshi Nakashima

Professor, Kyoto University, Japan

Chin-Hsiung Loh

Professor, National Taiwan University, Taiwan

Baitao Sun

Professor, Institute of Engineering Mechanics of the China Earthquake Administration, China

Norman Abrahamson

Engineering Seismologist, Pacific Gas and Electric Co. (PG&E), US

Kazuhiko Kasai

Professor, Tokyo Institute of Technology, Japan

Kuo-Fong Ma

Professor, National Central University, Taiwan

Kojiro Irikura

Professor, Kyoto University, Japan

Jack Moehle*

Professor, University of California, Berkeley, US

Tso-Chien Pan

Professor, Nanyang Technological University, Singapore

Shunsuke Otani*

University of Tokyo, Japan

*Note: * To be confirmed*

Publication of Proceedings

Papers presented in the conference will be published in the proceedings of 4ICEE.

Registration Fee

The registration fee is set at NT\$ 7500 (NT\$ 5000 for early registration and NT\$ 3000 for students) which includes attendance, lunch, welcome reception, conference banquet and proceedings.

Registration Fee for Full Delegates: NT\$ 7500 (about US\$ 250)

Early Bird (before 8/15): NT\$ 5000 (about US\$ 167)

Registration Fee for Full-time Students: NT\$ 3000 (about US\$ 100)

Note: USD is approximate 30 NTD

Conference Venue

The conference will be held at the **Howard International House**, Taipei

