



First South Asia Conference on Earthquake Engineering

21-22 February 2019

Hotel Ramada Plaza
Karachi - Pakistan

Organised by

South Asia Earthquake Network (SHAKE)

Local organiser

NED University of Engineering and Technology
University of Porto
University of Fuzhou
University Roma Tre
Institution of Engineers Pakistan



U. PORTO



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SHAKE

Background

South Asia Conference on Earthquake Engineering (SACEE) has been constituted under the auspices of SHAKE. This is the first SACEE which is being held in Pakistan. The event will be held after every two years and the venue will be rotated among the member states of SHAKE. Either individual institution or consortium from the member states could organise the event. The participation of the speakers and presenters, however, is welcome and encouraged from all over the world. The selection of venue for the next conference and organising body will be carried out using a bidding process which will be held at the end of the conference. **Institutions interested in organising the next SACEE in 2021 can contact the conference secretariat by sending their expression of interest.**

NED University of Engineering and Technology

NED University of Engineering and Technology is the oldest institution in Pakistan for teaching and producing engineering graduates. The former NED Government Engineering College (established in 1922) was upgraded to NED University in 1977. The university offers both undergraduate and postgraduate programmes in 24 disciplines.

Conference Theme

Engineering seismology
Geotechnical earthquake engineering
Retrofitting of existing structures
Design of new structures
Seismic vulnerability assessment
Tsunamis
Remote sensing and GIS applications
Infrastructures and lifeline systems
Social and economic aspects
Secondary hazards
Emergency response
Urban risk assessment

South Asia Earthquake Network (SHAKE) is a multi-national joint initiative to encourage a regional structured approach to seismic risk mitigation, leading to reduced monetary losses and casualties. It has been created to bring the experts from the seismically vulnerable south Asian countries on a common platform. The focus of SHAKE is on the earthquake forecasting, and vulnerability and risk assessment of the infrastructure in Pakistan, India, Nepal, Bhutan, Sri Lanka and Bangladesh using state of the art technologies. SHAKE was formed in 2012 with the help of International Centre for Theoretical Physics at Trieste, Italy and includes expert members from Pakistan, India, Nepal, Bhutan, Sri Lanka and Bangladesh. The secretariat of SHAKE is in Pakistan. More details of SHAKE, its activities and members can be found at the website at <http://shake.ictp.it/>.

University of Porto

University of Porto, whose origins date back to the 18th century, is a prestigious Portuguese and European Higher Education Institution.

University of Fuzhou

Fuzhou University is one of the national key universities that are selected into the Double First Class Project. Since its establishment, Fuzhou University has developed into a key comprehensive university in Fujian Province, giving priority to engineering courses.

University Roma Tre

Roma Tre, a public research University, was established in 1992. It is among the top 100 world young universities. Architecture and engineering have high reputation among the 12 departments of the university.

Institution of Engineers Pakistan

The Institution of Engineers Pakistan (IEP) was established in 1948. It is the premier national body of engineers working for the advancement of engineering profession in Pakistan.

International Scientific Committee

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Conference Venue

The conference will be held in Karachi which is the capital of province of Sindh and the largest metropolitan city of Pakistan. It is also the second largest city in the world by population and is the centre of banking, industry, economic activities and trade in Pakistan.

The venue of the conference is Hotel Ramada Plaza. The hotel is only at two minute drive from the Quaid-e-Azam International Airport and is also close to NED University. For more information on the hotel, please visit:

<http://www.ramadaplazakarachi.com/web/>.

Instructions for Authors

Authors are invited to submit 250-300 word abstracts related to the topics listed in the conference theme. Abstract and full length paper can be submitted online on SACEE website which can be accessed from sacee.neduet.edu.pk. The guidelines for preparing the papers are also available on the SACEE website.

All Papers should be original and not published elsewhere. The official language of the conference is English.

Selected papers shall be published in Journal of Structural Mechanics, NED University Journal of Research.

Important Dates

Submission of abstract: **30 June 2018**

Notification of abstract acceptance: **31 July 2018**

Full length paper due: **31 October 2018**

Notification of paper acceptance: **10 December 2018**

Final paper due: **10 January 2019**

Registrations Fees

| | Before 10 Dec 2018 | After 10 Dec 2018 |
|--|-----------------------|----------------------|
| Authors/Participants | | |
| Local | Rs. 2000 | Rs. 3000 |
| Foreigner* | \$100 | \$150 |
| Students & Young (under 30) | | |
| Local | Rs. 1000 | Rs. 1500 |
| Foreigner | \$50 | \$75 |
| Accompanying persons | | |
| Local | Rs. 1000 | Rs. 1500 |
| Foreigner | \$50 | \$75 |

* 50% discount is available for SHAKE members and participants from low income countries



Contact

For further details or author related queries, please contact:

Prof Muhammad Masood Rafi

Conference Secretary SACEE 2019

Chairman

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or visit **Conference Website:**

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