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SeDIF Conference

Seismic Design of Industrial Facilities

International Conference
March 4 – 5, 2020
RWTH Aachen University,
Germany

**CALL FOR
PAPERS**

The Conference

Following the successful premiere of the International Conference on Seismic Design of Industrial Facilities in 2013 the 2nd SeDIF-Conference in 2020 will again serve as platform for fruitful dialogue between science and practice. This time, a special focus will be placed on the new generation of Eurocode 8 and its application to industrial facilities.

Objectives of the Conference

The conference aims at bringing together academics, researchers and practitioners in the field of plant engineering with respect to the seismic behaviour of industrial facilities. Through exchanging information and experiences between theory and practice the conference is expected to

- promote a better understanding of the seismic behaviour of industrial facilities,
- generate a fruitful discussion on how to deal with uncertainties and risks,
- lead to the development of efficient yet realistic computational schemes,
- offer a broad overview of international standards regarding the seismic design of industrial facilities.

The program committee invites all organizations and authors working in the field of seismic design for industrial facilities to present their recent research results and innovative application in practice.

Topics

With respect to the specific conditions in plant design and plant operation, the following topics will be covered by the conference:

- Developments and updates in international building codes and guidelines
- Seismological issues, seismic risk and insurance matters
- Seismic design of pipelines and other lifeline systems
- Seismic design of silos and liquid-filled tanks
- Seismic design of primary and secondary structures
- Seismic qualification of non-structural components
- Structural control and health monitoring
- Experimental investigations concerning shaking tables
- Uncertainty and reliability analysis
- Seismic safety evaluation and retrofitting
- Seismic protection systems
- Lessons learnt from previous earthquakes

Conference language

The conference language will be English.

Call for Papers

Authors interested in presenting a paper on the core topics are invited to submit an abstract to TÜV SÜD Akademie GmbH, Mrs. Paulina Krupkova (paulina.krupkova@tuev-sued.de).

Contributions will be peer-reviewed. For further information and guidelines for submitting proposals, please visit the conference website: www.tuev-sued.de/sedif

Full Paper

After acceptance of the abstract the author will be requested to submit a full paper. The peer-reviewed contributions will be published as conference proceedings including ISBN.

Important Dates

- Submission of abstracts: **April 15, 2019**
- Notification to authors: **May 15, 2019**
- The final conference program will be published in **September 2019**.
- Submission of full paper: **October 1, 2019**
- Conference: **March 4–5, 2020**

Program Committee

Center for Wind and Earthquake Engineering

Prof. Dr. Christoph Butenweg

apl. Prof. Dr. Benno Hoffmeister

Chair of Structural Analysis and Dynamics

Prof. Dr. Sven Klinkel

SDA-engineering GmbH

Dr. Britta Holtschoppen

Dr. Julia Rosin

TÜV SÜD Industrie Service GmbH

Dr. Timo Schmitt



Registration & Information

www.tuev-sued.de/sedif

congress@tuev-sued.de

For further information please contact:

Paulina Krupkova +49 89 5791-4333

Conference Fee

Participant: € 700.00 plus applicable VAT

Author: € 400.00 plus applicable VAT

University member: € 500.00 plus applicable VAT

The conference registration fee includes conference documentation, lunch, snacks and beverages during breaks as well as the evening event.

Conference Venue

RWTH Aachen University · Auditorium building PPS

Prof.-Pirlet-Straße 12, 52074 Aachen, Germany

You will receive travel and hotel information along with the confirmation of your registration.

Exhibition

Interested companies have the opportunity to present their products and services at the exhibition held in parallel with the conference.

For more details about costs and availability, please contact Paulina Krupkova at paulina.krupkova@tuev-sued.de.