



Add value.
Inspire trust.



S e D I F **Conference**

Seismic Design of Industrial Facilities

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



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 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.

Program Committee

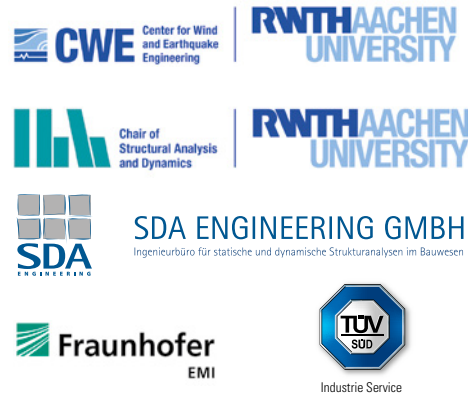
Center for Wind and Earthquake Engineering
Prof. Dr. Christoph Butenweg
apl. Prof. Dr. Benno Hoffmeister

Chair of Structural Analysis and Dynamics
Prof. Dr. Sven Klinkel

Fraunhofer-Institute for High-Speed Dynamics,
Ernst-Mach-Institut, EMI
Dr. Julia Rosin

SDA-engineering GmbH
Dr. Britta Holtschoppen

TÜV SÜD Industrie Service GmbH
Dr. Timo Schmitt



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.

Program Structure

The program consists of keynotes, plenary sessions and topical sessions held in parallel. The program committee is proud to welcome 4 international, top-class speakers to hold the keynotes. The 14 parallel sessions offer 58 lectures from internationally recognized universities and institutes as well as from industry.

For the detailed program with all titles and speakers, please visit: www.tuev-sued.de/sedif

March 4th

08:00 – 09:30	Registration
09:30 – 10:15	Fabrice Cotton, GeoForschungsZentrum GFZ (GER) The exponential growth of ground-motion data: a game changer for site-specific seismic hazard analysis?
10:15 – 10:55	Plenary Session Seismic Risk
	Coffee break
11:25 – 12:45	Seismology / Seismic Input ↔ Seismic Safety Evaluation I
	Lunch break
14:00 – 14:30	Dimitrios Vamvatsikos, National Technical University of Athens (GR) Industrial structure design on the edge of seismic performance: Lessons learned from three little pigs
14:30 – 15:55	Secondary Structures I ↔ Seismic Safety Evaluation II
	Coffee break
16:25 – 18:10	Secondary Structures II ↔ Primary Structures
19:30	Evening event

Conference Proceedings

The peer-reviewed contributions will be published as conference proceedings including ISBN. One copy per participant is included in the registration fee.

Conference Language

The conference language will be English.

March 5th

08:30 – 09:05	Roberto Nascimbene, Eucentre Foundation (IT) Earthquake experiences on tanks
09:05 – 10:30	Storage Tanks I ↔ Experimental Investigations
	Coffee break
11:00 – 12:40	Storage Tanks II ↔ Pipe Systems
	Lunch break
13:55 – 14:25	Praveen K. Malhotra, StrongMotions Inc. (USA) Performance-Based Seismic Design of Industrial Storage Tanks
14:25 – 15:30	Soil-Structure-Interaction-Issues I ↔ Seismic Protection Systems / Retrofitting I
	Coffee break
16:00 – 17:20	Soil-Structure-Interaction-Issues II ↔ Seismic Protection Systems / Retrofitting II
17:30	End of the Conference



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/co-author: € 400.00 plus applicable VAT

University member: € 500.00 plus applicable VAT

The conference registration fee includes conference proceedings, 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.