



## Seismic Design of Industrial Facilities: Proceedings of the International Conference on Seismic Design of Industrial Facilities (SeDIF-Conference)

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Seismic Design of Industrial Facilities demands a deep knowledge on the seismic behaviour of the individual structural and non-structural components of the facility, possible interactions and last but not least the individual hazard potential of primary and secondary damages.

From 26.-27. September 2013 the **International Conference on Seismic Design of Industrial Facilities** firstly addresses this broad field of work and research in one specialized conference. It brings together academics, researchers and professional engineers in order to discuss the challenges of seismic design for new and existing industrial facilities and to compile innovative current research.

This volume contains 50 contributions to the SeDIF-Conference covering the following topics with respect to the specific conditions of plant design:

- International building codes and guidelines on the seismic design of industrial facilities
- Seismic design of non-structural components
- Seismic design of silos and liquid-filled tanks
- Soil-structure-interaction effects
- Seismic safety evaluation, uncertainties and reliability analysis
- Innovative seismic protection systems
- Retrofitting

The SeDIF-Conference is hosted by the Chair of Structural Statics and Dynamics

of RWTH Aachen University, Germany, in cooperation with the Institute for Earthquake Engineering of the Dalian University of Technology, China.

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The editors Prof. Dr.-Ing. Sven Klinkel, Dr.-Ing. Christoph Butenweg, and Dr.-Ing. Britta Holtschoppen are members of the Chair of Structural Statics and Dynamics at the RWTH Aachen University

### **About the Author**

The editors Prof. Dr.-Ing. Sven Klinkel, Dr.-Ing. Christoph Butenweg, and Dr.-Ing. Britta Holtschoppen are members of the Chair of Structural Statics and Dynamics at the RWTH Aachen University

## **Users Review**

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