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## Preface

Devastating earthquakes in China (2008 and 2010), New Zealand (2011), Japan (2011) and Italy (2012) have tightened the social and the political focus on the seismic risk emanating from industrial facilities. Seismic Design of Industrial Facilities, however, 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 more than 50 contributions to the SeDIF-Conference covering the state of the art of international building codes and guidelines on the seismic design of industrial facilities, seismic design of structural and non-structural components, seismic design of liquid-filled tanks and other self-contained structures, seismic safety evaluation of existing structures, uncertainties and reliability analysis, latest retrofitting measures and innovative seismic protection systems as well as theoretical and practical approaches in the investigation of soil-structure-interaction effects.

We thank all authors for their varied and highly interesting contributions showing the broad field of work and auspicious new research activities regarding the seismic design of industrial facilities.

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