

# Preface

This edition presents a collection of selected scientific papers from conferences dedicated to modern concrete structures. The contributions address the modelling and design of concrete structures — including bridges, tunnels, and buildings — as well as the properties of various concretes and notable structural projects along with their implementation. The papers originate from the 30th Concrete Days 2025, which was held in Litomyšl.

The subjects covered span a broad spectrum, encompassing both static and dynamic analysis of bridges and their concrete components, evaluation of structural stability and reliability, and approaches to the inspection, diagnosis, and sustainability of existing structures.

This publication is intended to serve as a valuable resource for both practising engineers and researchers working in the field of concrete structure construction.

The conference organizing committee wishes to extend its sincere gratitude to all authors, participants, reviewers, and editors for their contributions.

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