

2nd *fib* Italy YMG Symposium on Concrete and Concrete Structures

Rome (Italy), November 18-19 2021. Proceedings

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The book contains the papers of the second edition of the *fib* Italy YMG Symposium on Concrete and Concrete Structures for young engineers, PhD students and Post-Docs.

The Symposium, organised with the support of CTE, aicap and *fib*, in an opportunity for presenting young engineers' research project or design work to a scientific committee – constituted by university professors and industrial representatives – with the aim of creating an open forum on recent developments and new boundaries of the challenging world of concrete and concrete structures.

The main topics of the Symposium were related to concrete and concrete structures, including but not limited to:

- Bridges and structures in marine environment
- Tunnels
- Building process
- Analysis, design and modelling
- Existing structures and Retrofitting on existing structures
- Cementitious composites
- Concrete reinforcement
- Precast building elements
- Durability and Sustainability
- 3D printing and automation
- Parametric design
- Resilient structures
- In-situ and remote monitoring

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