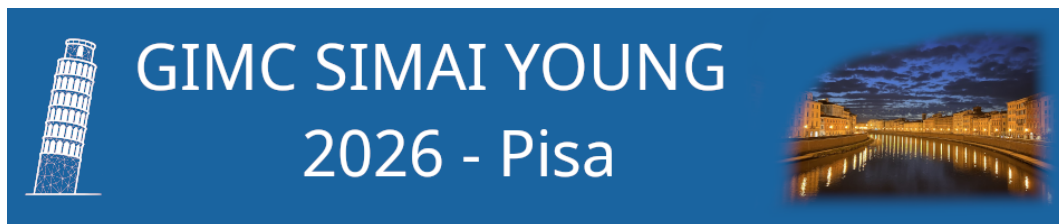


Session Program

3-5 Jun 2026



GIMC SIMAI Young 2026

MS04.3 - High-Order Numerical Methods for Complex Mechanics and Higher-Order PDEs

Pisa

Thursday 4 June

14:00

MS04.3 - High-Order Numerical Methods for Complex Mechanics and Higher-Order PDEs

Session | Location: Aula B

14:00-14:15

A fast Poisson solver for isogeometric analysis

Speaker

Mattia Tani

14:15-14:30

Stabilization-free Virtual Elements: the general order method

Speaker

Davide Fassino

14:30-14:45

Benchmarking stabilized and self-stabilized p-virtual element methods with variable coefficients

Speaker

Fabio Credali

14:45-15:00

Preconditioning the mass matrix for isogeometric immersed method

Speaker

Giovanni Varetto

15:00-15:15

Anisotropic Refinement with Decoupled Patchwork B-Splines and Bézier Extraction

Speaker

Andreas Grendas

16:00