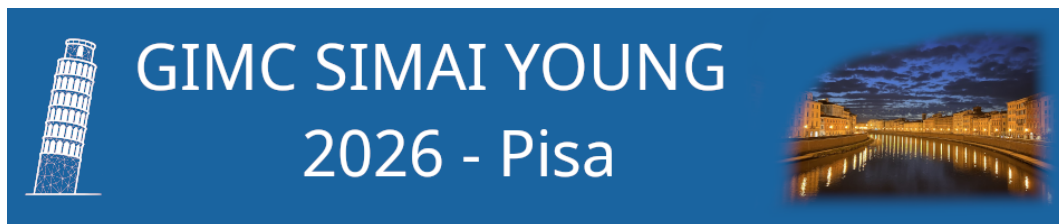


Session Program

3-5 Jun 2026



GIMC SIMAI Young 2026

MS06.1 - Numerical Modeling for Sustainability Problems

Pisa

Wednesday 3 June

16:15

MS06.1 - Numerical Modeling for Sustainability Problems

Session | Location: Aula B

16:15-16:30 Discovering physical laws through Neural ODEs**Speaker**

Giovanni Ziarelli

16:30-16:45**Stochastic First-Order Methods for Large-Scale Regularized Inverse Problems****Speaker**

Ilaria Trombini

16:45-17:00**A physics-Informed Covariance Kernel on Networks for the Uncertainty Quantification of Sea Surface Temperature****Speaker**

Leonardo Marchesin

17:00-17:15**Identifying Stochastic Sparse Models with SINDy algorithm****Speaker**

Ida Santaniello

17:15-17:30**A Conservative IMEX schema for Tumor Angiogenesis: Model, Analysis, and Efficient Simulation****Speaker**

Pasquale De Luca

18:00