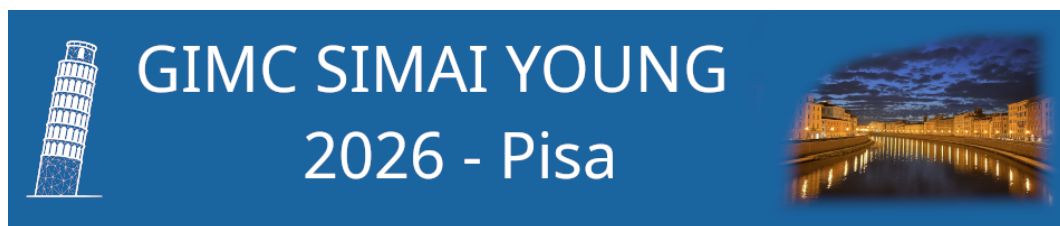


## **Session Program**

**3-5 Jun 2026**



## **GIMC SIMAI Young 2026**

### **MS06.2 - Numerical Modeling for Sustainability Problems**

Pisa

## Thursday 4 June

11:15

### MS06.2 - Numerical Modeling for Sustainability Problems

Session | Location: Aula A

11:15-11:30

#### Space-Time Energetic Boundary Element Method for Mixed 3D Elastodynamic Problems

**Speaker**

Luciano Coppelino

11:30-11:45

#### An Exponential Fitting BDF Scheme for Efficient Simulation of Oscillatory Quantum Devices

**Speaker**

Roberto Sanfelice

11:45-12:00

#### Augmented predictor-corrector PINN for estimating root zone soil moisture from data at shallower depths

**Speaker**

Mariateresa Bruni

12:00-12:15

#### Modeling Non-Stationarity through PDE Penalization: An Application to Mobility Data

**Speaker**

Ilenia Di Battista

12:15-12:30

#### Homogenization-Driven Modeling of Plant Tissue Dynamics

**Speaker**

Nicolò Mondini

12:45