

Modelling of microstructured materials and metamaterials

Organizers:

- **Andrea Bacigalupo (IMT School for Advanced Studies Lucca)**
- **Francesco Dal Corso (Università degli Studi di Trento)**
- **Maria Laura De Bellis (Università del Salento)**

This special session aims at gathering the recent theoretical, computational and experimental advances in the modelling of microstructured materials and metamaterials.

The topics include but are not limited to:

1. Nonlocal constitutive modelling and advanced homogenization techniques;
2. Mechanics of defects;
3. Acoustic wave propagation, polarization and scattering;
4. Strain localization phenomena;
5. Multi-field problems.

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