

# Special Issue

## Advances in Multiscale and Multifield Solid Material Interfaces

### Message from the Guest Editors

This Special Issue is dedicated to recent advances in fundamental and applications of solid material interfaces. Contributions concerning theoretical, numerical and experimental aspects are welcome from scientists working in different fields of material science and mechanics of materials. Topics to be covered include, but are not limited to, the following:

- multi-scale modeling of interphases, thin films and surfaces, contact laws;
- models of imperfect, sliding, debonding or cohesive interfaces in composite materials;
- deformation, damage, fracture and other dissipative processes at interfaces;
- advanced finite element methods for the computational modeling of interfaces and surfaces;
- molecular dynamics simulations for interface design;
- recent developments of adhesive technology and materials.

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### Guest Editors

Dr. Raffaella Rizzoni

Prof. Dr. Frédéric C. Lebon

Prof. Dr. Serge Dumont

Prof. Dr. Michele Serpilli

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### Deadline for manuscript submissions

closed (31 December 2021)



## Technologies

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## About the Journal

### Message from the Editor-in-Chief

*Technologies*, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

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### Editor-in-Chief

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