



Applied Mathematics and Mechanics

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Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editors

This Special Issue will accept high-quality papers that present original research results, and its purpose is to bring together mathematicians and engineers (mainly), as well as other scientists active in the field of mechanics.

The areas that will be covered are as follows: continuum mechanics, micromechanics, nanomechanics, fractional calculus and mechanics, biomechanics, among others.

Topics covered include but not limited to:

- Continuum Mechanics
- Micromechanics
- Nanomechanics
- Gradient Elasticity
- Couple stress theory
- Micropolar theory
- Fractional Calculus and Mechanics
- Fractional Calculus and Fractals
- Random and Composite materials
- Linear Elasticity
- Non-Linear Elasticity
- Crystalline Structure
- Membranes
- Plates
- Shells
- Biomechanics
- Soil and rock mechanics

