



## Finite Element Modeling in Mechanical Systems

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Deadline for manuscript  
submissions:

**closed (30 June 2024)**

### Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to provide an opportunity for international researchers to share and review recent advances used in finite element modeling in computational friction contact mechanics. Numerical modeling presents many challenges in mathematics, mechanical engineering, computer science, computers, etc. The finite element method applied in solid mechanics was designed by engineers with the idea of being able to simulate numerical models in order to reduce the design costs for prototypes, tests and measurements.

The method was initially validated only by measurements, but which gave encouraging results. After the discovery of the Sobolev spaces, the results mentioned above were obtained, and today, numerous researchers are working on improving this method. Some of the method's application fields in the domain of mechanics of the solid include mechanical engineering, machine and device design, civil engineering, aerospace and automotive engineering, robotics, etc...





## Editor-in-Chief

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## Message from the Editor-in-Chief

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