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Modeling and Analysis of Static, Dynamic, and Thermal Behavior of Shell, Plate, and Beam Structures

Guest Editors:

Prof. Jarosław Jędrzyiak

Department of Structural
Mechanics, Lodz University of
Technology, al. Politechniki 6, 90-
924 Lodz, Poland

Prof. Dr. Izabela Lubowiecka

Structural Mechanics
Department, Gdańsk University of
Technology, ul. G. Narutowicza
11/12, 80-233 Gdańsk, Poland

Prof. Ewa Magnucka-Blandzi

Institute of Mathematics, Poznan
University of Technology, ul.
Piotrowo 3A, 60-965 Poznań,
Poland

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Message from the Guest Editors

Dear Colleagues,

This Special Issue deals with analytical and computational methods in the mechanics of beams, plates, and shells. The main areas of interest of this edition include linear and nonlinear models of elasticity and plasticity of these structures; thermoelasticity; problems of vibrations, wave propagation, stability of beams, plates, and shells; heat conductivity; microheterogeneous structures; layered structures; and structures made of materials with special properties – metamaterials, auxetic materials, porous materials, biomaterials, and functionally graded materials.

We invite you to submit your scientific papers on the latest research results in these aspects of the mechanics of beams, plates, and shells, with an emphasis on applications in all areas of mechanics, biomechanics, and civil engineering.

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Prof. Ewa Magnucka-Blandzi
Guest Editors





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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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