



## Analysis and Design of Structures and Processes Based on Anisotropic Plasticity 2021

Guest Editors:

**Prof. Dr. Sergei Alexandrov**

1. Laboratory of Technological Processes, Ishlinsky Institute for Problems in Mechanics of the Russian Academy of Sciences, 119526 Moscow, Russia  
2. School of Mechanical Engineering and Automation, Beihang University, Beijing 100191, China

**Prof. Pierre Yves Manach**

IRD - UMR CNRS 6027, Université Bretagne Sud, Rue de Saint Maudé, 56100 Lorient, France

Deadline for manuscript submissions:

**closed (14 April 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Symmetry* features articles about analytical and numerical methods for the analysis and design of structures and metal-forming processes assuming that the material is plastically anisotropic. We are soliciting contributions covering a broad range of topics including limit load, springback, stress intensity factor, defect assessment procedures, strain rate intensity factor, minimum weight, forming limit diagram, and others. We are interested in contributions that show how certain assumptions concerning symmetry of anisotropic properties specifically affect the analysis and design of structures and technological processes.

Prof. Dr. Sergei Alexandrov

Prof. Pierre Yves Manach

*Guest Editors*





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## Editor-in-Chief

### Prof. Dr. Sergei Odintsov

1. Institució Catalana de Recerca  
i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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Symmetry Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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