

## Special Issue

# Impact Mechanics of Materials and Structures

### Message from the Guest Editor

This Special Issue is intended as a platform for the dissemination of new findings in the area of impact mechanics to support the development of safe and efficient impact-resistant structures. Topics of interest include:

- Physical testing (materials' characterization under dynamic loading conditions, impact testing of structures; development or modification of the corresponding test methods);
- Computational modeling (simulation of materials' behavior under dynamic loading; modeling of structural impact and wave propagation problems; computational techniques—finite element and meshless—for impact modeling);
- The development of predictive models (ballistic limit equations, artificial neural networks, etc.) for the design and evaluation of structures subjected to impact loading.

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### Guest Editor

Dr. Aleksandr Cherniaev

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### Deadline for manuscript submissions

closed (16 June 2023)



## Applied Mechanics

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### Message from the Editor-in-Chief

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