



# XXII Winter School on Continuum Mechanics

## First information letter

The Russian National Committee for Theoretical and Applied Mechanics, the Scientific Council of the Russian Academy of Sciences on mechanics of deformable solids of the Urals Branch of the Russian Academy of Sciences, the Technical Committee 17 (Non-Destructive Assessment) of the European Society for Structural Integrity (ESIS), and the Russian Committee of ESIS, the Institute of Continuous Media Mechanics of the Urals Branch of the Russian Academy of Sciences («ICMM UB RAS») are pleased to announce that the XXII Winter School on Continuum Mechanics will be held on March 22-26, 2021. The school is dedicated to the 50th anniversary of the academic science of the Perm region.

### Scientific Committee

Matveenko V.P. – chairman  
Plekhov O.A. – vice-chairman  
Iurlova N.A. – scientific Secretary  
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Raikher Yu.L.  
Rogovoy A.A.  
Shardakov I.N.  
Shlyannikov V.N.  
Surzhikov S.T.  
Svistkov A.L.  
Tashkinov A.A.  
Trusov P.V.

### Topics

- computational continuum mechanics,
- coupled problems of solid mechanics,
- physics and mechanics of meso- and nano-structured systems,
- convection, hydrodynamic stability and turbulence,
- hydrodynamics of multiphase media,
- hydrodynamics of non-Newtonian liquids and liquids with special characteristics,
- interdisciplinary studies,
- mining mechanics.

The official languages of the Conference are Russian and English.

Due to the epidemiological situation related to the COVID-19 pandemic, the XXII Winter School on Continuum Mechanics will be held on-line.

## **Registration**

Registration of participants and submission of abstracts are available on-line on the School website at <https://conf.icmm.ru/e/ws-2021> until February 20, 2021. A template for the preparation of abstracts is posted on the same site. Abstracts, which fall short of the requirements, are not accepted for consideration.

The program of the School includes invited and oral presentations, which are selected and distributed among sections by the Program Committee. The list of accepted papers will be posted on the School website after March 5, 2021.

Due to the specifics of the on-line conference **only one report can be submitted..**

Speakers should send their articles to the organizing committee in \*.pdf (preferably) or \*.ppt format before March 15th.

Papers approved for presentation at the School will be published in the special issue of the Journal, indexed on the Web of Science and Scopus. The paper will be considered accepted for presentation as soon as the author is notified of its inclusion into the School program. The terms of publication and requirements to articles will be posted on the website of the School <https://conf.icmm.ru/e/ws-2021>.

## **Authors are invited to meet the following deadlines for:**

Submission of abstracts : **February 20, 2021**

Notification of acceptance: **March 5, 2021**

Submission of presentations: **March 15, 2021**

Conference time: **March 22-26, 2021.**

## **Contact:**

### **Organizing Committee of the XXII Winter School on Continuum Mechanics**

Institute of Continuous Media Mechanics UB RAS  
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614013, Perm  
Russia

### **Conference secretary**

Dr. Nataliia A. Iurlova  
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Current information on the School events can be found on the website: <https://conf.icmm.ru/e/ws-2021>