

## II International forum «Computational and mathematical methods and modelling in high-tech manufacturing»



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St. Petersburg State University of Aerospace Instrumentation is holding the II International Forum “Computational and mathematical methods and modelling in high-tech manufacturing” on November 9, 2022. The Forum is held in cooperation with Polotsk State University, the Institute of Technical Acoustics of the National Academy of Sciences of Belarus and Urganch State University.

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### **The purpose of the Conference**

The purpose of the conference is to exchange the experience of leading specialists in the use of mathematical methods in high-tech manufacturing.

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**We invite** scientists, researchers, professors, postgraduates and undergraduates of educational organizations of higher education, research institutes, industrial enterprises of the Russian Federation, scientific institutions and universities of foreign countries.

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### **Sections**

1. Fundamental mathematics is the basis of high-tech manufacturing
2. Mathematical modeling of physical phenomena in solid, liquid and gas
3. Mathematical methods and models in instrumentation and radio electronics
4. Cyber-physical systems and artificial intelligence technologies in high-tech manufacturing
5. Modeling of natural-technical systems and quality management

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### **Form of participation**

face-to-face scientific sessions, virtual sessions in Zoom

### **Deadline**

October 22

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### **Conference Venue**

St. Petersburg State University of Aerospace Instrumentation, Sankt-Petersburg, Truda str. 8 (regional collective work space "Boiling Point – St.-Petersburg. GUAP").

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### **Publication of conference proceedings**

Publication of abstracts (5-6 pages) in Russian in the proceedings of the forum (indexing of the RSCI). The best reports can be recommended for publication as an article in the journal "Innovative Instrumentation" (RSCI indexing).

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### **Registration and submission of abstracts**

Registration takes place on the website: <https://forms.yandex.ru/u/62e23ff6b01e2c13b8dd56a4/>

Abstracts should be submitted by e-mail: [cmmm\\_quap@internet.ru](mailto:cmmm_quap@internet.ru)

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### **Contact Details**

For the questions concerning the participation in conference

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