

# COMPUTING TECHNOLOGIES & APPLIED MATHEMATICS

INTERNATIONAL WORKSHOP

Blagoveshchensk, Russia  
June 12–16, 2023



## INTERNATIONAL WORKSHOP COMPUTING TECHNOLOGIES AND APPLIED MATHEMATICS Blagoveshchensk, June 12–16, 2023

International Workshop on Computing Technologies and Applied Mathematics (CTAM 2023) provides a forum for experts and researchers to exchange original results and valuable ideas in different aspects of using computing technologies and advanced methods of applied mathematics in science and engineering. The CTAM 2023 covers aspects of the development of theoretical foundations, methods, and algorithms for implementing mathematical and computer models, data analysis software, computer simulation systems, software tools for conducting computational experiments in various applications. Discussion talks that critically evaluate computing approaches, data processing strategies, software- and hardware applications in related fields are also welcome.

In 2023, the Workshop assumes a priority face-to-face format of participation. Keynote and international speakers will have an opportunity to present at a special online session. The participation in the CTAM 2023 is free of charge.

### Organizers



Amur  
State  
University



Far Eastern  
Federal  
University



Toms  
State  
University



Institute for  
Applied  
Mathematics

### Topics

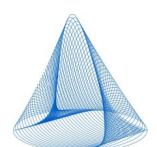
- Mathematical and Optimization Modeling
- Numerical Algorithms and Computer Simulations
- Data Mining
- Design and Diagnostics of Computing Systems
- High performance computing and applications

### Contact Information



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Department of Mathematics and Computer Sciences  
21, Ignatyevskoe Shosse, Blagoveshchensk, 675027, Russia  
<http://ctam.amursu.ru>  
[ctam@amursu.ru](mailto:ctam@amursu.ru) (Elena Veselova)

### Workshop Host



Laboratory of Mathematical Modeling of Complex Physical  
& Biological Systems (AmSU, Blagoveshchensk)

### Important Dates

Deadline for registration and abstract submission	April 10, 2023
Notification of abstract acceptance	May 1, 2023
Conference dates	June 12–16, 2023
Paper submission	July 1, 2023
Notification of acceptance of papers	September 30, 2023

### Conference Proceedings

Authors can submit articles (on topics presented at the Workshop) to one of the relevant journals from the list of Workshop partners.

All Workshop papers will be double-blind peer-reviewed by two experts.

Languages: English, Russian (according to the requirements of the journals).

### Organizing Committee

- Prof. Andrey Plutenko (Chair, AmSU, Blagoveshchensk)
- Academician of RAS Mikhail Guzev (IAM FEB RAS, Vladivostok)
- Prof. Eduard Galazhinsky (TSU, Tomsk)
- Prof. Alexander Samardak (FEFU, Vladivostok)
- Prof. Konstantin Chekhonin (KB IAM FEB RAS, Khabarovsk)
- Prof. Andrei Leyfa (AmSU, Blagoveshchensk)
- Dr. Liubov Yatsevich (AmSU, Blagoveshchensk)

### Program Committee

- Prof. Evgeni Nurminski (Chair, FEFU, Vladivostok, Russia)
- Prof. Gennadiy Alekseev (IAM FEB RAS, Vladivostok, Russia)
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- Prof. Anna Maslovskaya (AmSU, Blagoveshchensk, Russia)
- Prof. Sergey Smagin (CC FEB RAS, Khabarovsk, Russia)
- Prof. Sergey Shary (FRC ICT, Novosibirsk, Russia)
- Prof. Dmitry Reviznikov (MAI, Moscow, Russia)
- Prof. Xu Runzhang (HEU, Harbin, China)
- Prof. Alexander Zamyatin (TSU, Tomsk, Russia)

### Conference Partners



Government of the Amur Region

priority2030<sup>+</sup>

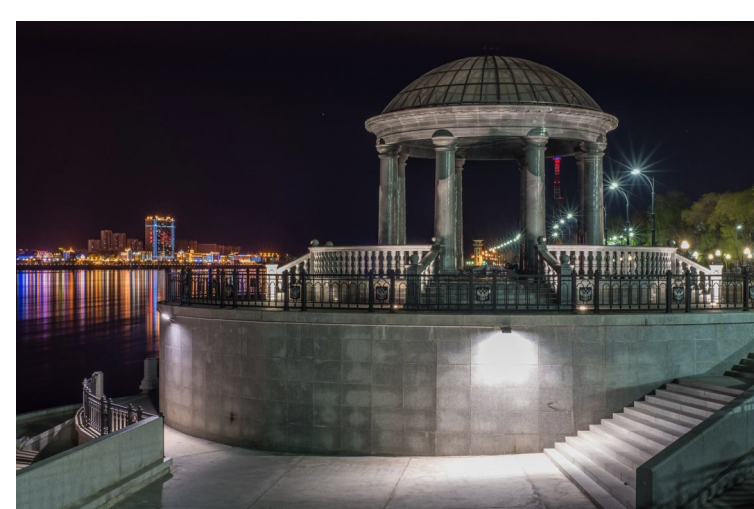
### JOURNALS

- Journal of Applied and Industrial Mathematics
- Vestnik Tomskogo Gosudarstvennogo Universiteta. Upravlenie, Vychislitel'naya Tekhnika i Informatika
- Far Eastern Mathematical Journal
- Information Science and Control Systems



### Venue

The Workshop will be held at the Amur State University located in Blagoveshchensk, the administrative center of the Amur Region. Blagoveshchensk (founded in 1856) is a strategically important Far Eastern forpost of Russia. The city has a specific geographical position: it is located on the state border of Russia with China. The Amur Region today is the place for the implementation of large-scale federal projects (the Vostochny Cosmodrome, the Power of Siberia gas pipeline, a gas processing plant, a cascade of hydroelectric power stations).



We are looking forward to seeing you in person in Blagoveshchensk!