

17th International Scientific Conference  
"MATHEMATICAL AND COMPUTER SIMULATION  
NATURAL SCIENTIFIC AND SOCIAL PROBLEMS "(MCS-2023), June 1 - 4, 2023  
Penza, Russia

We are pleased to announce that MCS-2023 conference will be held at the Penza State University. You are kindly invited to attend the MCS-2023 and contribute paper. Working languages of the conference are English and Russian.

The conference will be held remotely in the ZOOM environment.

The aim of the conference is to present new results in the field of pure and applied mathematics, as well as in their applications, and their discussion by mathematicians, physicists and specialists in various technologies.

### **Main topics**

1. Mathematical physics equations
2. Theory of approximation and cubature formulas
3. Numerical methods
4. Mathematical model of the economy, ecology, demography, social sciences
5. Mathematical model for physics and technology
6. Mathematical models for nanotechnology and nanobiology
7. Neuromathematic and neurocomputers
8. Information technology in education

### **Forms of participation**

- Plenary talk (up to 30 min.);
- Section talk (15 min.)
- absentee participation.

### **Program committee**

Boykov I.V. (chairman, Penza, Russia), [i.v.boykov@gmail.com](mailto:i.v.boykov@gmail.com);  
Panzhensky, V.I. (Vice Chairman, Penza, Russia)  
Artamonov D.V. (Penza, Russia),  
Faydaoglu S. (Izmir, Turkey),  
Fionova R.M.(Penza, Russia),  
Gorbachenko V.I. (Penza, Russia),  
Il'in V.P. (Novosibirsk, Russia),  
Krevchik V.D. (Penza, Russia),  
Makarichev P.P. (Penza, Russia),  
Martyshko P.S. (Ekaterinburg, Russia)  
Noskov M.V. (Krasnoyarsk, Russia),  
Polovonkin V.I. (St.-Peterburg, Russia),  
Sidorov D.N. (Irkutsk, Russia)

Sherbakov M.A. (Penza, Russia),  
Sizikov V.S. (St.-Peterburg, Russia),  
Smirnov Yu.G. (Penza, Russia),  
Sukharev L.A. (Saransk, Russia),  
Zadiraka V.K. (Kiev, Ukraine)

### **Organizing committee**

Boykov I.V. (Chairman, Penza, Russia), [i.v.boykov@gmail.com](mailto:i.v.boykov@gmail.com) ;  
Semenov M.B. (Vice Chairman, Penza, Russia);  
Members of the organizing committee:  
Zakharova Yu.F. (Penza, Russia);  
Moiko N.V. (Penza, Russia);  
Rodionov M.A. (Penza, Russia)  
Tarasov D.V. (Penza, Russia)  
Tynda A.N. (Penza, Russia)

Executive Secretary of the Conference - L.A. Kupryashina, (Penza, Russia) e-mail - [liliya\\_sl@mail.ru](mailto:liliya_sl@mail.ru)

### **PHONES:**

+ 7-8412-208391 (Department of Higher and Applied Mathematics, Penza State University)  
+ 7-905-367-09-76 (secretary of the Conference - Kupryashina Liliya Aleksandrovna)

Authors of invited papers are requested to submit an article not exceeding 10 pages of their research presentation. Authors of contributed papers are requested to submit an article not exceeding 4 pages of their research presentation. Please type each article double space Times New Roman 14 in typed area 210\*297mm with the fields such as 20mm from above, the right and the left, 25mm from below. All figures and tables are supposed to be no less than 60\*60mm and no more than 110\*170mm using \*.jpg or \*.bmp format. We ask you to not exceed two tables per presentation. We ask you to send each presentation as a separated file. If your file exceeds 50 Kb, please archive them using ZIP, ARJ or RAR.

### **Deadlines**

The conference will be held remotely in the ZOOM environment.

On May 29, addresses and passwords will be sent out.

June 1 - registration of participants.

June 2-4 - conference work.

### **Address for correspondence**

440026, Russia, Penza, Krasnaya str, 40, Penza State University, Department of Higher and Applied Mathematics

Question regarding MCS-2023 should be addressed to Boykov Ilya by e-mail [i.v.boykov@gmail.com](mailto:i.v.boykov@gmail.com) or to Kupryashina Liliya by e-mails [liliya\\_sl@mail.ru](mailto:liliya_sl@mail.ru)

Phones: + 7-905-367-09-76 (secretary of the Conference - Kupryashina Liliya )

Information about the conference MCS-2023 can be found also on the home page at [dep\\_vipm.pnzgu.ru/conference/2023/MCS-2023](http://dep_vipm.pnzgu.ru/conference/2023/MCS-2023)

For participants from the Russian Federation: 1000 rubles. (including VAT 152.54 rubles)

For participants from CIS countries:

RUB 1,500 (including VAT 228.81 rubles) - with postal delivery of a collection of articles.

1000 RUB (including VAT 152.54 rubles) - without postage of the collection of articles (will be available in electronic form).

#### BANK DETAILS OF THE CONFERENCE

TIN / KPP 5837003736/583701001

UFK for the Penza region (Penza State University)

l / s 20556X40180 (note that in the l / s number the letter X is Latin)

Office Penza, Penza

account 03214643000000015500 (PENZA BRANCH OF THE BANK OF RUSSIA//UFK in the Penza Region, Penza)

BIK 015655003

OGRN 40102810045370000047

OKTMO 56701000

KBK 130 000000000000000000130

In the column "Purpose of payment" it is necessary to indicate:

"Registration fee for participation in the conference MCS-2023 "