

16th International Scientific Conference  
«ANALYTICAL AND NUMERICAL METHODS FOR MODELING OF  
NATURAL SCIENCE AND SOCIAL PROBLEMS» (ANM21)  
December 01 – 04, 2021, Penza, Russia

We are pleased to announce that ANM20 conference will be held at the Penza State University. You are kindly invited to attend the ANM21 and contribute paper. Working languages of the conference are English and Russian.

The conference will be held in on-line format.

### **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. (Deputy 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),  
Markin V.V. (Moscow, 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);  
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:**

+ 7-8412-368259 (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**

Early registration: November, 1, 2021

Submission of paper: November 15, 2021

### **Registration**

The registration fee is 100 US Dollars covers the abstract volume etc.

**Address for correspondence**

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

Question regarding ANM20 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 ANM21 can be found also on the home page at [dep\\_vipm.pnzgu.ru/conference/2021/anm21](http://dep_vipm.pnzgu.ru/conference/2021/anm21)