



## 5<sup>th</sup> International Conference on Control Systems, Mathematical Modeling, Automation and Energy Efficiency

November, 8 – 10  
Russia, Lipetsk

### HONORARY CO-CHAIRS

Dmitry NOVIKOV (Russia)  
Pavel SARAEV (Russia)  
Anatoly POGODAEV (Russia)  
Stanimir VALTCHEV (Portugal)  
Kouhei OHNISHI (Japan)  
Tamas RUZSANYI (Hungary)  
Yousef IBRAHIM (Australia)  
Rosario MICELI (Italy)  
Ilhami COLAK (Turkey)  
Ersan KABALCI (Turkey)  
Atanas NACHEV (Bulgaria)  
Olja ČOKORILO (Serbia)  
Svilen S. VALTCHEV (Portugal)

### GENERAL CO-CHAIRS

Dmitry NOVIKOV (Russia)  
Liĭia ZAGEEVA (Russia)  
Stanimir VALTCHEV (Portugal)

### TECHNICAL PROGRAM CO-CHAIRS

Alexander ALEKSEEV (Russia)  
Vladimir ALEKSEEV (Russia)  
Sergey BARKALOV (Russia)  
Semen BLYUMIN (Russia)  
Alexander BOLSHAKOV (Russia)  
Natalia BROVKA (Belarus)  
Vladimir BURKOV (Russia)  
Tamara CHISTYAKOVA (Russia)  
Aleksy DAGMAN (Russia)  
Anton GLUSHCHENKO (Russia)  
Mikhail GOUBKO (Russia)  
Yuri GROMOV (Russia)  
Alexander KHOPERSKOV (Russia)  
Alla KRAVETS (Russia)  
Yuri KUDINOV (Russia)  
Marina LAPSHINA (Russia)  
Tatiana LEDENEVA (Russia)  
Alexander LOSEV (Russia)  
Viktor MESHERYAKOV (Russia)  
Maria ORESHINA (Russia)  
Fedor PASHENKO (Russia)  
Vladimir PIMENOV (Russia)  
Semen PODVALNY (Russia)  
Dmitriy POLESCHENKO (Russia)  
Alexander SHASHKIN (Russia)  
Maxim SHERBAKOV (Russia)  
Alexander SHPIGANOVICH (Russia)  
Valery STOLBOV (Russia)  
Yuri TALAGAEV (Russia)  
Alexander VORONIN (Russia)  
Eugene ZATSEPIN (Russia)  
Violeta ZATSEPINA (Russia)

### LOCAL ORGANIZING COMMITTEE

Pavel SARAEV  
Alexander GALKIN  
Anton SYSOEV  
Roman BATISHEV  
Elena KHABIBULLINA  
Vladimir ISTOMIN  
Alexei TYURIN  
Andrey BOYKOV  
Svetlana ZHIKHOREVA  
Monika DABAS

We invite you to take part in the 5<sup>th</sup> jubilee International Conference on Control Systems Mathematical Modeling, Automation and Energy Efficiency (SUMMA2023), which will be held in Lipetsk on November, 8-10 2023 and will be traditionally jointly organized by V.A. Trapeznikov Institute of Control Sciences RAS and the Department of Automation and Computer Science of Lipetsk State Technical University.

**SUMMA2023 program includes topics of interest that consist of, but are not limited to:**

- I. Industrial Applied Mathematics and Modeling  
Mathematical Foundations of Control Theory; Control of Organizational and Socio-Economic Systems; Machine Learning
- II. Automation  
Industrial Automation and Control Theory applying to Technological Processes; Digitalization in Industrial, Economic and Social Systems; Metals and Mining Industry; Transportation Systems
- III. Industrial and Commercial Power and Power Conversion Systems  
Energy Systems and Power Systems Engineering; Electric Machines and Industrial Drives; Power Electronic Devices and Components

### Submission of Papers

The working language of the conference is English. Prospective participants are requested to electronically submit full papers of their work (limitation is 6 pages) following the instructions available on the website via Microsoft CMT system. Each participant has to be author or co-author no more than three papers. Accepted papers will be submitted to IEEE Xplore. Each accepted paper must be presented at SUMMA2023 to be published in the proceedings. The final manuscript must be accompanied by a registration form. In case of non-presence at the conference the registration fee will not be refunded.

### Important Dates

Deadline for submission of papers	<del>September, 15</del> October, 1 2023
Notification of acceptance	<del>October, 1</del> October, 11 2023
Deadline for submission of camera-ready manuscripts	October, 15 2023
Deadline for author registration and fee payment	October, 25 2023

### Conference fee

For non-IEEE members	110 EUR (9000 RUB)
For IEEE members	90 EUR (7200 RUB)
For IEEE IES and IAS members	80 EUR (6700 RUB)

The fee includes publication of one paper, access to all sessions, printed programm book and coffee breaks. Registration fee does not include visa support, travel expenses, accommodation and meals. Accommodation and all additional services are to be paid by participants. For further information on how to pay the registration fee please visit our website under the link below.



### FURTHER INFORMATION:

Lipetsk State Technical University,  
Faculty of Automation and Computer Sciences  
398055 Russia Lipetsk, Moskovskaya str., 30  
SUMMA Secretariat

Email: [summa@stu.lipetsk.ru](mailto:summa@stu.lipetsk.ru)  
<http://summa.stu.lipetsk.ru>

