



ОРГАНИЗАТОРЫ



ПАРТНЕРЫ



## CONFERENCE PROGRAM

### The II International Youth Scientific Conference "AI Technologies in Science and Education"

December 16 — 17, 2024

*Moscow time*

**Location:** *Lomonosov Moscow State University (Moscow, Leninskie Gory, 1, 51)*

#### December 16, 2024 (Monday)

*Moscow  
time*

**Link to the broadcast:** [https://vk.com/sno\\_msu](https://vk.com/sno_msu)

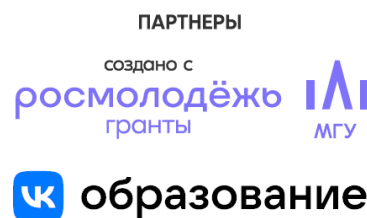
12:00 —  
12:30

**Opening ceremony of the  
II International Youth Scientific Conference "AI Technologies in  
Science and Education"**

12:30 —  
14:00

**Plenary session on AI trends in science and education**

- **Vasily Vladimirovich Fomichev**, *Deputy Dean for Research, Professor, Head of the Department of Nonlinear Dynamic Systems and Control Processes, Faculty of Computational Mathematics and Cybernetics, Lomonosov Moscow State University*  
**Report "On training personnel in the field of AI"**
- **Kuznetsov Maxim Alekseevich**, *Director of the Department of Strategic Development and Partnerships of the AIRI*  
**Report "Applied Strong AI"**
- **Vladimir Olegovich Leshchenko**, *Director of the Competence Center for the Development of Artificial Intelligence, Tsifrum, Rosatom (online)*  
**Report "LLM for knowledge management systems"**



- **Kiselev Mikhail Vitalievich**, *member of the board of the Russian Neural Network Society, head of the laboratory of neuromorphic systems of artificial intelligence of the Chuvash State University (CU Tsifrum, ChSU, Motiv-NT, Kaspersky Lab) (online)*

**Report "Neuromorphic Prospects of Artificial Intelligence"**

14:00 —  
15:00

- **Case studies of leading organizations on the use of AI in science and education**

- **Nikonov Maxim Viktorovich**, *head of the messenger development group at VK*

**Report "Speech recognition: from theory to implementation"**

- **Efimov Daniil Albertovich**, *technical manager of science and education projects at Yandex Cloud*

**Report "Start for young scientists in scientific research with AI: cases and tools at Yandex Cloud"**

15:00 —  
17:00

### **Opportunities for AI research by young scientists**

- **Volkanov Dmitry Yuryevich, Ph.D.**, *Associate Professor, Department of Automation of Computer Systems, Faculty of Computational Mathematics and Cybernetics, Lomonosov Moscow State University*

**Report "Advanced Methods of Artificial Intelligence in Data Transmission and Processing Networks"**

- **Ilyushin Evgeny Albinovich**, *employee of the Department of Information Security, Faculty of Computational Mathematics and Cybernetics, Lomonosov Moscow State University*

- **Report "On the Cyber Risks of Generative Artificial Intelligence"**

- **Eremenko Kristina Tarasovna**, *Head of the Initiatives Foundation Department of St. Petersburg (online)*

**Report "AI in Science: Prospects and Trends for the New Generation of Scientists"**

- **Antsiferova Anastasia Vsevolodovna**, *Senior Researcher, Laboratory of Intelligent Video Analysis, Institute of Artificial Intelligence, Lomonosov Moscow State University, Researcher, ISP RAS*

**Report "Attacks and Defenses against Them for Neural Network Methods of Image and Video Processing"**

- **Ivchenko Alexander Vladimirovich, Ph.D.**, *teacher of the course "Neural networks and their application in scientific research" MSU.AI*



### **Report "Application of AI in space medicine"**

- **Belyakov Nikita Viktorovich**, *teacher of the course "Neural networks and their application in scientific research" MSU.AI, research fellow of the Faculty of Computer Science of Lomonosov Moscow State University and Skoltech*
- **Report "Application of AI in processing space data and remote sensing of the Earth"**

17:00 —

*Coffee Break*

18:00

### 18:00 — **Career Master Class from VK**

19:00

- **Bogatyrev Kirill Alekseevich**, *Head of Project-Based Learning at VK Education*

### **Report "On Educational and Career Opportunities at VK"**

19:00 —

### **Strategic session "AI for teamwork, Council of Young Scientists and Student Scientific Society (SSS)"**

20:00

**Neichev Radoslav Georgiev**, *mathematician at the Faculty of Computational Mathematics and Cybernetics at Moscow State University, deputy head of the Department of Machine Learning and Digital Humanities at the Faculty of Applied Mathematics and Mathematics at Moscow Institute of Physics and Technology, head of the ML development group at the Yandex Artificial Intelligence Laboratory*

20:00 —

### 20:40 **AI Intellectual quiz**

**December 17, 2024 (Tuesday)**

**9:30 — Registration of participants**

The work of the sections is in a mixed format

The time limit for sectional reports is 5-7 minutes (up to 2 minutes for questions)

The time limit for plenary reports is 15 minutes (up to 5 minutes for questions)

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10:00 Section "AI in exact and technical sciences"	10:00 Online seminar "Experience and prospects of implementing AI in industry"	10:00 Section "AI in the Natural Sciences"	10:00 Section "AI in Education"	11:00 Section "AI in law studies"
Coffee Break				
14:30 Section "AI in Medicine"	14:30 Section "AI in social and human sciences"	14:30 Section "AI startups and AI in scientific research"		
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18:30

**Taking stock of**

**The II International Youth Scientific Conference "AI Technologies in Science and Education"**