



## STRENGTHS OF THE INTERNATIONAL MASTER'S PROGRAM

- ▮ Data science
- ▮ Machine learning
- ▮ Artificial neural networks
- ▮ Computer-aided design industrial, and scientific sectors of software systems
- ▮ Databases and data warehouses
- ▮ Tensor method of complex systems network models
- ▮ Operating environment Innovative software systems
- ▮ Project management



## CONTACT INFORMATION



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**MISIS**  
UNIVERSITY

Building  
a Better  
Future

## INNOVATIVE SOFTWARE SYSTEMS: DESIGN, DEVELOPMENT & APPLICATION



## PROGRAM



The program offers a systematic training in design, development and application of innovative software systems in various spheres of human activity. Such software can interact with various objects, structures, tools, etc. used in human economic activity and in any area - from financial, social institutions and to the field of mechanical engineering, electronics and others. After the master's degree, our highly qualified specialists will be able to apply their skills in research, production sphere, in the sphere of management, etc. Graduates are in demand in various industries: banking, engineering production, research laboratories, medical centers, IT companies and others.

## SKILLS

- **COMPLEX PROBLEM SOLVING CRITICAL THINKING**
- **SYSTEM THINKING CREATIVITY**
- **COORDINATING WITH OTHERS ASSESSMENT AND DECISION MAKING COGNITIVE FLEXIBILITY**

## FACULTY



**Professor Andrey Petrov**  
PhD & DSc

Academic rank: professor of National University of Science and Technology MISIS since 2008.  
Fields of research interest: systems theory tensor method, dual network models and their application to technical and economic systems.



**Assoc. professor Denis Kalitin**  
PhD

Research interests include machine learning, artificial neural networks, graph theory, simulation modeling.



**Nikolay Zakharov**

Leading Russian expert in web analytics, online marketing and digital product development based on data analysis. Currently developing his own Internet platform in the US market.

## WELCOME TO NUST MISIS!



### **NUST MISIS IS ONE OF THE LEADING AND MOST DYNAMIC UNIVERSITIES AND R&D CENTERS IN RUSSIA**

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