



## General Information

**Where:** Institute of Informational Business Systems of NUST "MISIS" (Russia, Moscow)

**When:** July 15<sup>th</sup> – July 29<sup>th</sup> (2 weeks)

**Language:** English

**Participants:** Summer school is a multidisciplinary, interdisciplinary, cross-cultural.

We invite everybody who is eager to gain new insights: bachelor's or master's students, young university staff and teachers, anyone thirsty for knowledge in project management, big data and informational technologies. There are no special entry requirements.

**The deadline for application:** May 15<sup>th</sup> 2017

**Contact person:** Andrey Nazim schools@misis.ru

**More information:**

<http://en.misis.ru/applicants/short-term/summerschools2017/big-data-and-project-management/>



## NUST MISIS

### International Summer School

## MAINSTREAMS OF IT: BIG DATA AND PROJECT MANAGEMENT



# About Us

## INTERNATIONAL SUMMER SCHOOL “MATERIALS AND TECHNOLOGIES”

The National University of Science and Technology MISIS (NUST MISIS) invites you to participate in our fun and educational short-term program during the summer, the most wonderful time to visit Moscow and discover Russian culture and history.

The modern campus of NUST MISIS is located close to the city center, only 10 minutes from the Moscow Kremlin. Summer school participants are offered to stay at a comfortable residence hall, located 20 minutes from the main campus.

To help students socialize and discover the charms of our capital, we offer a social events program which includes a city tour, restaurants with national cuisine, outdoor activities, etc. In addition, we have prepared a special cultural program for more demanding adventurers to get a taste of our traditions and cultural heritage by visiting interesting sights in Moscow and outside.



# Summer School

## ACADEMIC PROGRAM:

### Module 1 – Big Data

- Big Data foundations
- Hadoop ecosystem: review and examples
- Analytical processing of big data tools: R, Python, Data Discovery: a basic overview, examples, practice

### Module 2 – Project management

- Project management in Russia. Key players and projects
- The language of projects: foundations of project management
- The role and relevance of information technology in project management in Russia
- «Learning Agile through a Children's Book»
- Peculiarities of IT project management
- Workshop «At Top Gear»
- A site visit to a leading Russian IT company with proven track record in project management.
- A site visit to a leading enterprise of Russia's nuclear industry

### Plus Russian language classes

## COSTS

Summer school fee is **450 EUR for the two-week program** and includes:

- 30 hours of Big Data classes
- 30 hours of Project management classes
- 20 hours of Russian language
- All teaching materials
- Cultural program
- Certificate of Participation
- Welcome party

Accommodation in one of the best residence halls in Moscow (**additional option, not included in the fee**).

Cost for the Russian participants: fee is **22,000 rubles for the two-week program** except Russian language classes

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# Reasons to Choose Us

You will learn what is really "big data", what is the problem of big data and why it is impossible to use traditional tools. Then what can be used instead, and which opportunities open up these tools and approaches. You will see how to solve the real problem of big data processing in different economic sectors.

Moreover You will learn who and how manages projects in Russia, get the gist of different approaches to project management and peculiarities of managing IT projects, practice team work.

You will get acquainted with Russian world class experts in project management from the Russian branch of the International Project Management Association (IPMA/SOVNET) and will work with Young Crew Russia core team, global network for young professionals enthusiastic about project management.

