International exchange at Innopolis University – a world-class academic IT centre

Innopolis University is a new Russian university focused on education and research in the field of IT and Robotics.

It is an intellectual driving force of an ambitious Innopolis project – a brand-new IT hub on the world map.

You are welcome to join Innopolis University, be a pioneer, contribute to the development of a young innovative city, and just feel special.

Application deadline for the Spring semester 2017/18: November 1st

We offer:

International Environment:
- Instruction in English
- Faculty members with academic degrees obtained from leading Russian and world universities
- Active cooperation with the world’s best universities

High Quality Education:
- Undergraduate and graduate programs based on famous Russian traditions of basic science and best international practices
- Gaining practical skills and experience thanks to direct participation of IT business
- Scientific theory and research practice

Comfortable Living Conditions:
- European standard apartments
- Developed sporting infrastructure: sports complex with a pool, ski resort, golf course, shooting ground
- Ecological environment, picturesque landscape

Key figures: 13 research laboratories and 6 centers, 32 academic partners worldwide, 100 industry partners, 37% of international faculty and 15% of international students.

Educational programs:

Bachelor’s degrees:
- Computer science:
  - Software Engineering
  - Artificial Intelligence
  - Data Science
  - Robotics
  - Game development

Master’s degrees:
- Software Engineering
- Robotics
- Big Data
- Secure Systems and Network Engineering

See you in Innopolis!

Contact details:
International and Academic Cooperation Office of Innopolis University
Sergey Karapetyan (Mr):
s.karapetyan@innopolis.ru
+7 (843) 203-92-53 ext.173

And International Office of your Home University
Innopolis University Today

556 students

12,113 applications submitted for 255 placements

86.69 — average score at the Unified State Exam gained by applicants enrolled in the 1st year of studies

In 2016, Innopolis University joined a list of TOP-5 Russian technical universities based on results of the Unified State Exam gained by its students: 85.05 is the average score of the applicants enrolled in the 1st year of studies.

32 academic partners worldwide, including universities with leading positions in the global rankings and CERN - European Organization for Nuclear Research.

100 leading IT companies cooperate with the University.

34 research grants with the total amount of funding of 1.7 billion Rub.

81 faculty members having work experience in leading IT companies worldwide.

84 undergraduate and postgraduate courses in 4 areas:

- Big Data
- Artificial Intelligence and Robotics
- Software Engineering
- Information Security
Admission Campaign 2017

Countries and number of applications:
- Russia — 7872
- The CIS (10 countries) — 1594
- Other (133 countries) — 2647

Number of applications for each program:
- Bachelor’s degree (CS1) — 7166
- Master’s degree (SE) — 2716
- Master’s degree (SNE) — 2231

Applications from abroad:
- Africa — 1458
- America — 117
- Oceania — 9
- Asia — 955
- Europe — 108
International and Academic Cooperation

Europe

- University of Bonn, Germany
  Faculty of Mathematics and Natural Sciences
- European Organization for Nuclear Research — CERN, Switzerland
- Innsbruck University, Austria
- EURECOM, France
- IT University of Copenhagen, Denmark
- Lappeenranta University of Technology, Finland
- Polytechnic University of Milan, Italy
  School of Industrial and Information Engineering
- Polytechnic University of Catalonia, Spain
  Barcelona School of Informatics
- Sapienza University of Rome, Italy
  Department of Computer, Control and Management Engineering
- University of Amsterdam, Netherlands
  Informatics Institute
- Harbour.Space - University for Technology and Design, Spain
- ETH Zurich
  Chair of Software Engineering

Asia

- Hong Kong University of Science and Technology, Hong Kong
  School of Engineering
- Seoul National University, Republic of Korea
  Department of Computer Science and Engineering
- National University of Singapore
  School of Computing
- Beijing Institute of Technology, China
- KAIST, Republic of Korea
  Department of Computer Science

Russia

- Kazan National Research Technical University named after A.N.Tupolev, Russia
- Saint Petersburg National Research University of Information Technology, Mechanics and Optics (ITMO), Russia
- Skolkovo Institute of Science and Technology («Skoltech»), Russia

America

- Carnegie Mellon University, USA
- Federal University of Minas Gerais, Brazil
Education and Research together with Top Scientists

Innovopolis University

Dean of the Faculty of Computer Science,
Head of the Laboratory of Industrial Production of Software

Giancarlo Succi, Italy

Manuel Mazzara, Italy
- Software Engineering, Telemedicine, Social Networks

Bertrand Meyer, Switzerland
- Object-Oriented Programming, Temporal Logic and Verification

Viktor Rivera, Columbia
- Software Engineering, Formal Methods in Software Engineering

Nestor Catano, Columbia
- Software Engineering

Eugene Zouev, Russia / Switzerland
- Software Engineering, Imitation Modeling Languages and Systems, Compilers

Jooyoung Lee, Republic of Korea
- Industrial Software Development

Alberto Sillitti, Italy
- Software Engineering, Mobile Applications, Web Services

Yaroslav Kholodov, Russia
- Intelligent Transport Systems

Joseph Brown, Canada
- Genetic Algorithms, Game Development

Jooyoung Lee, Republic of Korea
- Big Data Analysis, Trust Algorithms in Social Networks, Game Theory

Nikolay Shilov, Russia
- Cyberphysical Systems, Programming Theory and Applied Logic

Vasilakos Athanasios, Greece
- Cybersecurity and Networks

Rasheed Hussain, Pakistan
- Secure Systems and Networking Engineering

Angelo Messina, Italy
- Software Engineering, Advanced Methods of Agile Software Development

Alan Rogers, USA
- Software Engineering

Adil Mehmood Khan, Pakistan
- Machine Learning and Data Presentation

Ilya Afanasyev, Russia
- Intelligent Robotic Systems

Alexandr Klimchik, Belarus
- Intelligent Robotic Systems

Muhammad Fahim, Pakistan
- Machine Learning and Data Presentation

Publications

<table>
<thead>
<tr>
<th>Year</th>
<th>Scopus</th>
<th>WoS</th>
<th>RSCI</th>
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<td>2014</td>
<td>5</td>
<td>3</td>
<td>2</td>
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<tr>
<td>2015</td>
<td>41</td>
<td>33</td>
<td>3</td>
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<tr>
<td>2016</td>
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<td>2017</td>
<td>38+</td>
<td>22+</td>
<td>6+</td>
</tr>
<tr>
<td>Total</td>
<td>157+</td>
<td>120+</td>
<td>23+</td>
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</tbody>
</table>

— Hirsch index
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Nikolay Nikiforov</td>
<td>Minister of Telecom and Mass Communications of the Russian Federation</td>
</tr>
<tr>
<td>Roman Shaykhutdinov</td>
<td>Deputy Prime Minister of the Republic of Tatarstan — Minister of Information and Communication of the Republic of Tatarstan</td>
</tr>
<tr>
<td>Serguei Belousov</td>
<td>CEO and founder of Acronis, founder of Parallels and Runa Capital</td>
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<tr>
<td>Alexander Tormasov</td>
<td>Rector</td>
</tr>
<tr>
<td>Mark Shmulevich</td>
<td>Chief Strategy and Operations Officer at Acronis</td>
</tr>
<tr>
<td>Anton Sushkevich</td>
<td>Co-founder of Postgress Professional and founder of «NVision Group»</td>
</tr>
<tr>
<td>Dmitry Kondratyev</td>
<td>Founder and Chairman of the Board of Directors of «UNIUM» — the largest Russian network of educational centers for schoolchildren</td>
</tr>
<tr>
<td>Serguei Belousov</td>
<td>CEO and founder of Acronis, founder of Parallels and Runa Capital</td>
</tr>
<tr>
<td>Kirill Semenikhin</td>
<td>Director</td>
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</tbody>
</table>

Alexander Tormasov is one of the leading world-class scientists working in the field of software and hardware virtualization. His research results are used by over 11 mln websites and more than 50 mln E-mail accounts. In 2013, Alexander was elected as the Head of the Russian Branch of the IEEE Computer Society. He is an author of more than 130 patents.

Kirill Semenikhin graduated from Kazan State University. Prior to becoming the Innopolis University Director, Kirill had been employed by Microsoft since 2004 where he moved up from a Key Account Manager in the Kazan office to a Regional Director and a Board member of Microsoft Russia. He was responsible for all Microsoft businesses in 85 Russian regions.
## Scientific Research Laboratories and Centres

### 13 Laboratories:

<table>
<thead>
<tr>
<th>Laboratory Name</th>
<th>Image</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Cyber-Physical Systems Lab</td>
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<tr>
<td>Intelligent Transport Systems Lab</td>
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<tr>
<td>Software Engineering Lab</td>
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<tr>
<td>Network Science and Information Technology Lab</td>
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<tr>
<td>Industrial Production of Software Lab</td>
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<tr>
<td>Medical Images Analysis Lab</td>
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<tr>
<td>Software Design, Models and Architectures Lab</td>
<td>![Icon]</td>
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<tr>
<td>Cognitive Robotic Systems Lab</td>
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<td>Cloud Systems and Service Virtualization Lab</td>
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<td>Data Science and Information Systems Lab</td>
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<td>Machine Learning and Knowledge Representation Lab</td>
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</table>

### 6 Centres:

<table>
<thead>
<tr>
<th>Centre Name</th>
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<tbody>
<tr>
<td>CERT-Centre</td>
<td>![Icon]</td>
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<tr>
<td>Centre for Civil Aviation</td>
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<tr>
<td>Centre for Business Process Automation</td>
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<tr>
<td>Centre for Geographic Information Systems</td>
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<tr>
<td>Centre for Blockchain Technology</td>
<td>![Icon]</td>
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<tr>
<td>Centre for Modeling and Analysis of Big Data in Finance and Economy</td>
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</tbody>
</table>
Dean of Admissions and Registration Office

1074 people, capacity of student dormitories
- 4 buildings
- Accommodation for 2-5 people in modern apartments
- 124 seats at cafeterias

124 seats at cafeterias

Swimming pool
- Fitness facilities
- Sports halls
- Multi-purpose sports grounds
- Football ground
- Tennis court

Sports Venue

8 602 sq.m.
total area of

- Conference halls for 980 people
- 16 lecture rooms for 1140 people
- 17 meeting rooms
- Library area of 2154 sq.m
- 610 seats in the cafeteria
- 309 parking slots
- 96 bicycle parking slots

Academic and Research Venue

31 158 sq.m.
total area of with expected increase up to 50 000 sq.m

Residential Venue

35 344 sq.m.
total area of people

Innopolis University
Centre for Career Development

System of Professional Career Development and Student Career Formation

- Internships
- Mentorship
- Soft Skills Development Courses
- Planning of Career Paths
- Creation of a Corporate Career Portal «Centre for Career Development»
- Lectures and seminars on career guidance
- Workshops on employment:
  - What makes a good CV;
  - Secrets of self-presentation at job interviews;
  - Typical mistakes at job interviews.
Centre for Special IT Training

- Building of professional competencies and additional skills for completion of new tasks in the field of high technology.
- Employment in resident companies of Innopolis Special Economic Zone.

Training:
- Practice-oriented (major);
- Organization- and management-oriented (additional).

Duration:
2 months (336 hours).

Requirements:
- Higher professional education;
- Work experience in IT industry;
- Readiness to move to Innopolis city;
- Passing the selection to enroll in the program.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Graduates</th>
<th>Employed in Innopolis</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 000</td>
<td>168</td>
<td>80%</td>
</tr>
</tbody>
</table>

80% employed in Innopolis
IT Business Module

«IT business module of the University helps companies to deal with issues of advanced professional training in existing teams, develop required skills for project realization, build up relationships inside the team, find correct approaches in management.»

Kirill Semenikhin, Director of Innopolis University

- Individual targeted approach to program formation
- Community of experts in industry and technology
- Expertise of world-class researchers
- Proactive response to tendencies in IT development
- Morning is for theory. Afternoon is for practice. Evening is for implementation

13 modules:

- IT Management
- Information Security Management
- Applied Technologies in IT
- Cloud Technologies and Data Virtualization
- Virtual Reality
- Technology Entrepreneurship
- Software Engineering Management
- Project Management
- Machine Learning
- Big Data Management
- System Programming
- Enterprise Cybersecurity Management
- Management and Programming of Industrial Robots

Innopolis University
Our Partners

MEGAFon  VTB  Rostec  MTS  Kir  Acronis  Parallels  ICL  KPO BC  AT Consulting

ABB  AITEKO  IPN  INSTITUT RAVITVIA INTERNETA  Mail.ru Group  BARS GROUP  etton  INFORMATIKA

Контур  CENTER  Практика  ФОНД ПЕРСПЕКТИВНЫХ ИССЛЕДОВАНИЙ  1С-БИТРИКС  MAYKOR

ПОЧТА РОССИИ  KASPERSKY  СБЕРБАНК ТЕХНОЛОГИИ  Microsoft  SQL Server  PostgreSQL  KUKA

Supported by:

Ministry of Telecom of Russia
THANK YOU FOR WATCHING

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