



Intel® Higher Education and Technology Entrepreneurship Program

Intel in Russia – 20 years of progress



1991

Marketing office is opened in Russia

1993

Intel starts SW development project in Sarov and Moscow

1997

Intel starts academic programs in Russia

2000

Intel opens R&D center in Nizhny Novgorod

2003

Intel opens R&D center in Sarov

2004

Intel opens R&D center in Moscow, Novosibirsk, Saint Petersburg

Intel Labs and presence in HEd Institutions



● Intel Labs in HEd institutions (with Intel offices in the cities)

● Presence in HEd institutions



Intel® Higher Education Program

Collaboration with more than 150 universities in 35 countries

Key directions:

- Curricula addressing big trends in science and technology
- Joint research of Industry & Academia
- Technology entrepreneurship and innovations fostering

Some projects in Russia:

- Joint students Labs of Universities and Intel (MSU, MIPT, SPbSU, UNN, NSU)
- Summer and Winter education/research Schools for students
- HPC, Multicore, Mobile: curricula and professional knowledge certification
- Contests and Events for students/faculty



Collaboration with Russian universities: some highlights



**Science, Education, and Industry
collaboration –
the basement for the innovations
economy fostering**

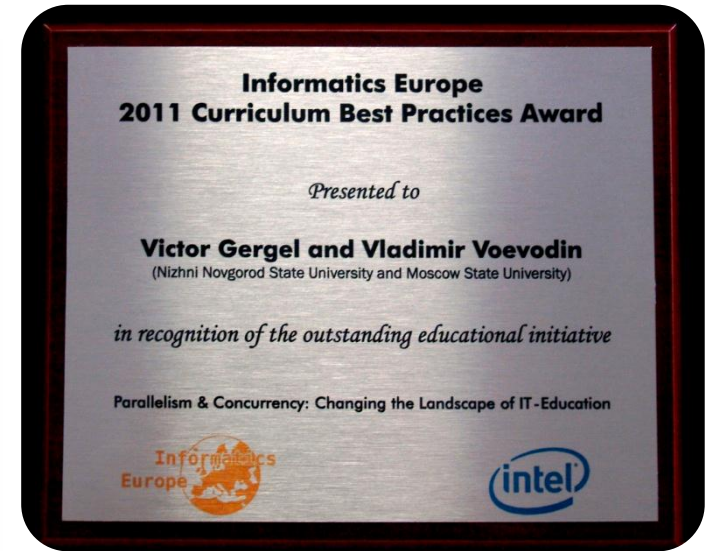
- **Workforce development for hi-tech industry:**
 - MIPT base chair “Microprocessor technology” at Intel Moscow R&D Center
- **Curricula and research advancing with universities:**
 - Computational Nanotechnologies curricula with MSU
 - HPC and Parallel Programming curricula with MSU, UNN, NSU, SPbSU
 - Students Schools on HPC and Mobile Technologies (education + research + soft skills advancing)
 - Professional knowledge certification program (Parallel Programming, Mobile)
- **Technology, innovations and STEM promotion**
 - Events and Contests in prospective scientific and technological directions with Skolkovo Foundation, Rosnano, universities, and development agencies

Collaboration with Russian universities: some highlights

MSU and UNN joint application
“Parallelism & Concurrency: Changing the
Landscape of IT-Education” is recognized with

2011 Curriculum Best Practices Award

by Informatics Europe association
(November 2011)



International recognition of Russian universities for
world-class education programs
in Parallel Programming

Программа «Технологическое предпринимательство – от теории к практике»



- **Target: enabling the ecosystem for innovations and tech entrepreneurship flourishing**
- **Cooperation and experience sharing between Intel, UC Berkeley, leading Russian universities, biz incubators, development agencies**
- **Key principles:**
 - promotion and awareness growth for tech entrepreneurship
 - “from theory to practice” imperative
 - “entrepreneurship is a team sport” imperative
 - entrepreneurship is a process that can be taught and implemented with proper hard and soft skills combination.

Innovations and entrepreneurship is a management process

“Technology Entrepreneurship – from Theory to Practice”

- **Bootcamps Intel – Rosnano for start-up projects**
- **“Train the trainer” programs for univs faculty, biz incubators, and mentors:**
 - Methodological sessions for faculty within tech entrepreneurship Bootcamps (jointly with Rosnano)
 - Train the Trainer sessions at UC Berkeley
- **Business Plans contests:**
 - “Global track” nomination within BIT biz plans contest (jointly with Russia Venture Company)
 - International students biz plans contest Intel Global Challenge at University of California, Berkeley.
- **Projects with Univercities and Biz incubators in Russia:**
 - MSU: InnovationStudio
 - ITMO: QD studio, Master of Tech Entrepreneurship program
 - HSE: students biz incubators HSE{Inc}
 - Ingria incubator (St. Petersburg)



«Technology Entrepreneurship – from Theory to Practice»

Maxygene company
(Moscow, winner of “Global Track” nomination
of Intel and RVC at BIT-2011 biz plans contest)

Second Award

at international biz plans contest

**Intel Global Challenge at University of
California, Berkeley, USA**

competing with best world-wide projects
representing 22 countries (including USA,
China, META, Latin America and other regions)

November 2011



Intel Global Challenge
at UC Berkeley

