

## **11.04.04 Electronics and nanoelectronics**

### **Micro- and nanotechnology**

**Partner university:** The Belarusian State University of Informatics and Radioelectronics (The Republic of Belarus)

**Abstract:** The program is aimed at studying methods of developing electronic devices and systems using products of modern micro- and nanoelectronics.

#### **Curriculum features:**

- Micro and Nanostructure Physics;
- Integrated Microwave Systems;
- Design of Integrated Circuits and Systems-on-Chip;
- Optoelectronics;

#### **Career opportunities:**

- Ruselectronics;
- Rostec;
- Research Centre "Module";
- Integral OJSC;

#### **Program Supervisors:**

Nikolai I.Kargin – Director of Institute for nanoengineering in electronics, spintronics and photonics, vice-rector, Doctor of Technical Sciences, Professor.

Victor E.Borisenko - Head of the Department of Micro- and nanoelectronics, Doctor of Physical and Mathematical Sciences, Professor