

11.04.04 Electronics and nanoelectronics

Nanotechnology and Nanomaterials

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

Abstract: The program is aimed at training specialists for the development of the electronic industry in Belarus and Russia. Particular attention is paid to the manufacture and application of nanoelectronic products based on heterostructures and wide-gap semiconductors.

Curriculum features:

- Elements of micro- and nanoelectronics;
- Technologies of nanoelectronics;
- Physical Principles of Nanoelectronics;

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