

12.03.04 Biological Systems and Technologies

Advanced Diagnostic Systems

Department of Computer Medical Systems

We are ready to involve you into

advanced and complex information and measurement software and hardware development for nuclear medicine and telemedicine.

We are able to offer

traditionally profound and fundamental knowledge as a solid ground for future work with artificial intelligence systems that are intended to become an indispensable tool in the medical practice.

We are seeking for

willing young people who want to dive into medical agenda and develop modern devices to help doctors and patients be healthier and live longer!

Key research and professional activities

- Modern challenges of biomedical and environmental engineering
- Image processing systems in biology and medicine
- High-tech hardware and software systems for oncological diagnostics
- Programming technology of Internet services
- Software for network medical complexes
- Expert and teleconsultation technology for decision making

Practical training and employment opportunities

- Blokhin National Medical Research Centre of Oncology of the Ministry of Health of the Russian Federation
- Burdenko Neurosurgery Institute
- Bach Institute of Biochemistry of the Russian Academy of Sciences
- Clinical hospitals of Federal Medical and Biological Agency of Russia
- Large multinational corporation and their subsidiaries (General Electric Healthcare (Russian Branch), Philips)