



Olga Y. Bogoyavlenskaya, PhD, associate professor

- **Academic Writing**
- **Current Computing Technologies**
- **Networking Performance Evaluation**



Alexander S. Kolosov, senior lecturer
Michael A. Kryshen, senior lecturer
Kirill A. Kulakov, PhD., associate professor

- **Web Application Architecture and Frameworks**



Michael A. Kryshen, senior lecturer

- **Object-oriented Analysis and Design**



MSc graduates 2015,
Department of Computer Science



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Author: Dmitry B. Chistyakov

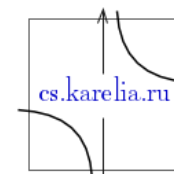


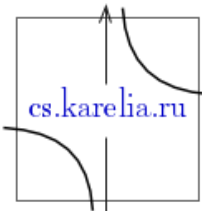
Petrozavodsk State University

Institute of Mathematics
and Information
Technologies

Department of
Computer Science

Master Program
Networking and
Services





The Master Program Networking and Services



Teaching direction 010400
(approved by Russian Ministry
of Education) — Applied
Mathematics and Informatics

The Master Program

The course of study is 2 years

Networking and Services (NS) is the first Master of Science (M.Sc) program started at the institute of Mathematics and Information Technologies of PetrSU in 2014 according to the Federal State Standard (FSS) of the Russian Federation by M.Sc courses (direction 01.04.02 'Applied Mathematics and Informatics')

The basic teaching language is primarily English, but the Russian language might be used on a special request. The program graduates receive M.Sc diplomas from the Russian Ministry of Education. The detailed requirements to the applicants are presented at <http://www.petrSU.ru/Abit/>. We advise the applicants first to contact prof. Yuri A. Bogoiavlensky, the NS program coordinator.

ABOUT THE PROGRAM

The NS program is designed for narrow specialization, namely for professional educators. They have to possess all the modern technologies and instrumental tools for practical development of the distributed network applications mainly for Web environment and mobile devices. In addition, much of the course study will be devoted to Web-service development technologies. The state-of-art the problems of applied programming systems architecture, performance analysis and data communication routing will be considered as well. Ideologically the NS program (and many of its courses) correspond to the M.Sc program 'Networking and Services' of the University of Helsinki which is one of the leading institutions of the higher education in the area. More details one can get at the Computer Science (CS) department web-site http://www.cs.petrSU.ru/studies/net_services/course.php.ru

TEACHERS AND COURSES

Teaching is directed toward particular software development projects the IT-park laboratories of PetrSU. Classes are conducted by the teachers with huge experience in Research and Development (R&D) in the area of networking technologies and services.



Yuri A. Bogoiavlensky,
Head of Department, Ph.D.,
associate professor

- **Software Project**



Dmitry J. Korzun, PhD, associate professor

- **Smart Spaces and Internet of Things**



Vadim A. Ponomarev, senior lecturer
Kirill A. Kulakov, PhD, associate professor

- **Services Development Technologies**