

### **Academic supervisor's data**

First name, Surname	Sergey Ivanov
Academic Degree	Dr.Sc in Engineering
Scientific specialty of the defended dissertation	05.05.06 – Mining machinery (Engineering Sciences)
Academic title	Professor
Full name of the organization	Federal State Budgetary Educational Institution of Higher Education "Saint Petersburg Mining University"
Position	Professor of the Department of Mechanical Engineering
Address, telephone, e-mail	2, 21 line, St. Petersburg, 199106 Russia +7 (812) 328-89-36 Ivanov_SL@pers.spmi.ru