

**Academic supervisor's data**

First name, Surname	Sergey Ivanov
Academic Degree	Doctor of Science (Dr.Sc) in Engineering
Scientific specialty of the defended dissertation	05.05.06 – Mining Machines (Engineering Sciences)
Academic title	Professor
Full name of the organization	Federal State Budgetary Educational Institution of Higher Education «Empress Catherine II Saint- Petersburg Mining University»
Position	Professor of the Mechanical engineering Department
Address, telephone, e-mail	2, 21st Line, St Petersburg 199106, Russia +7 (812) 328-86-32 Ivanov_SL@pers.spmi.ru