

### Academic supervisor's data

First name, Surname	Maxim Karasev
Academic Degree	Dr.Sc in Engineering
Scientific specialty of the defended dissertation	25.00.20 - Geomechanics, rock destruction, mining aerogasodynamics and mining thermophysics
Academic title	Professor
Full name of the organization	Federal State Budgetary Educational Institution of Higher Education Saint Petersburg Mining university
Position	Associate Professor of the Department of Construction of Mining Enterprises and Underground Structures
Address, telephone, e-mail	2, 21 Line, St Petersburg 199106 Russia +7-812-382-01-28 Karasev_MA@pers.spmi.ru