

### Academic supervisor's data

First name, Surname	Denis Ustinov
Academic Degree	Ph.D in Engineering
Scientific specialty of the defended dissertation	Electrical engineering complexes and systems
Academic title	Associate professor
Full name of the organization	Empress Catherine II Saint Petersburg Mining University
Position	Associate Professor of the Department of Electric Power Engineering and Electromechanics
Address, telephone, e-mail	2, 21 line, St. Petersburg 199106, SaintPetersburg +7 (911) 236-32-03 Ustinov_DA@pers.spmi.ru