

## Potential scientific supervisors: Urbanism & Civil Engineering

№	Surname	Name	University	Scientific interests	Link to portfolio
1.	Belyaeva	Zoya	Ural Federal University named after the first President of Russia B.N. Yeltsin	Issues of stability of compressed, bendable and compressed-bendable structures; Resistance of frames to progressive collapse Mathematical modeling of spatial structures, surface scanning, analytical algorithms for scanning surface elements	<a href="https://urfu.ru/en/research/postgraduate-programs-in-english/admission-options/open-doors-olympiad/research-supervisors/zoya-v-belyaeva/">https://urfu.ru/en/research/postgraduate-programs-in-english/admission-options/open-doors-olympiad/research-supervisors/zoya-v-belyaeva/</a>
2.	Vatin	Nikolay	Peter the Great St Petersburg Polytechnic University	Thermal Properties of Enclosure Structures Created by Construction 3D Printing.	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/vatin.pdf?1695819044">https://opendoors.spbstu.ru/files/supervisors_portfolio/vatin.pdf?1695819044</a>
3.	Galishnikova	Vera	Moscow State University of Civil Engineering	Development of methods for calculating spatial rod systems: mesh shells, spatial frames and trusses, rod structural slabs; theoretical foundations for constructing three-dimensional models of objects; design and development of methods for calculating structures made of new composite materials	<a href="https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/GalishnikovaVera.php">https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/GalishnikovaVera.php</a>
4.	Gravit	Marina	Peter the Great St Petersburg Polytechnic University	Development of rational forms and parameters of structures, volume-planning solutions of buildings and structures, based on the conditions of placement in the building, functional and technological processes, thermal-physical, fire safety. Development of new and improvement of rational types of supporting and enclosing structures, structural solutions of buildings and structures taking into account the processes taking place in them, the natural and climatic conditions and fire safety.	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/gravit.pdf">https://opendoors.spbstu.ru/files/supervisors_portfolio/gravit.pdf</a>

№	Surname	Name	University	Scientific interests	Link to portfolio
5.	Danilina	Nina	Moscow State University of Civil Engineering	Improvement of urban planning and design of spatial and transport systems of populated areas, development of smart city technologies and geoinformation systems	<a href="https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/Danilina%20Nina%20V..php">https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/Danilina%20Nina%20V..php</a>
6.	Elistratov	Victor	Peter the Great St Petersburg Polytechnic University	Methods for substantiating the parameters and rational design of constructive and space-planning solutions for buildings and structures using energy-efficient technologies and principles of solar architecture aimed at improving the efficiency of capital investments, energy and resource saving. Digital design and construction of installations of structures and complexes using renewable energy	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/elistratov.pdf">https://opendoors.spbstu.ru/files/supervisors_portfolio/elistratov.pdf</a>
7.	Kantardgi	Izmail	Moscow State University of Civil Engineering	Mathematical modeling of wave and lithodynamic processes, use of the results in research and design of coastal and port hydraulic structures	<a href="https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/Kantarzhi_Izmail.php">https://mgsu.ru/postupayushchim/olimp/olimpiady/open-doors/english-version/Kantarzhi_Izmail.php</a>
8.	Lazarev	Yuri	Peter the Great St Petersburg Polytechnic University	Study of traffic flows interaction, including high-speed ones, with structures during operation and construction to develop methods for improving the efficiency of the transport system, convenience, safety and environmental friendliness of traffic, and environmental protection.	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/lazarev.pdf">https://opendoors.spbstu.ru/files/supervisors_portfolio/lazarev.pdf</a>
9.	Chusov	Aleksandr	Peter the Great St Petersburg Polytechnic University	Development of scientific foundations and methods of flood protection in adjacent river basins based on modeling the operating modes of a distributed multi-stage system of intercepting hydroelectric systems	<a href="https://opendoors.spbstu.ru/files/supervisors_portfolio/chusov.pdf">https://opendoors.spbstu.ru/files/supervisors_portfolio/chusov.pdf</a>