International Polytechnic Winter School "Smart Manufacturing and Digital Future"

Peter the Great St. Petersburg Polytechnic University

Language of study: **English**
Mode of study: **full-time**
Duration: **2 weeks**
Availability of free education: **no**
Price: **540 Euro**

Programme webpage at the university website:
https://english.spbstu.ru/education/programs/short-term-programs/winter-school/smart-manufacturing-digital-future/

Programme curator: **Department of International Educational Programs**
Tel.:
E-mail: summerschool@spbstu.ru

This is a joint program developed in cooperation with Technische Universität Berlin (Germany). The program provides students fundamental and applied research activities in the field of intelligent robotics and control systems; practicing innovative technologies and hard- and software solutions for the problems of industrial automation and high-tech industrial control systems. Students analyze the interactive environment of cyber-physical and robotic systems to create new solutions and mathematical models in the field of intelligent robotics and control systems. Teams of students studies and demonstrate technologies of industrial object remote control, group control of team behavior of collaborative robots and situational control in conditions of uncertainty in the framework of applied developments.

Program dates:

Arrival: Jan 25 – 26, 2020
Classes: Jan 27 – Feb 07, 2020

Departure: Feb 08 – 09, 2020

The cultural program includes:

- Excursion to the Hermitage, one of the world’s largest and oldest museums of fine art;
- Pub Quiz;
- Excursion to the Kunstkamera museum, a cabinet of curiosity;
- Field trip to the “Baltika” Brewery/"Coca-Cola" factory where students can learn about the construction and logistic peculiarities of the plant;
- Full-day Wintry Event with sleigh riding and skating (optional for extra price).

Specializations within this programme