

International Polytechnic Winter School "Cyber Systems Technology"

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded: **Certificate**

Language of study: **English**

Mode of study: **distance learning**

Duration: **2 weeks**

Availability of free education: **no**

Price: **270 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**

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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. Duration: 2 weeks ECTS credits: 4.0 Participation fee: 270 Euro Cultural program Socio-cultural program of extracurricular activities and networking events are included*: Online Interactive Campus Tour Online broadcasting of excursion to the Hermitage museum; Online Pub Quiz. *All of the listed above activities will to take place but in case any of those will have to be cancelled, an alternative event will be offered to participants. Deadline for registration: January 10, 2021.

Specializations within this programme