



ALAR
Training Center



ONLINE SUMMER SCHOOL

SMART MANUFACTURING AND DIGITAL FUTURE

Jul 05 - 16, 2021

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ECTS credits: 4.0



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BRIEF DESCRIPTION

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.

Cost:

US\$421 - includes registration, teaching costs, 4.0 ECTS credits Certificate, additional Russian Language virtul course by ALAR Training Center (33h) + Certificate



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Program dates: Jul 05 – 16, 2021

Registration deadline: 14 June 2021

Entrance requirements

- - Good command of English. All classes and extracurricular activities are conducted in English. Knowledge of the Russian language is not required;
- - Applicants are expected to have at least 1 year of University level studies.

Professors and lecturers

- Vyacheslav V. Potekhin, Associate Professor, Director of Centre SPbPU-FESTO;
- Vladimir N. Khokhlpvskiy, Associate Professor (SPbPU);
- Vadim A. Onufriev, Associate Professor (SPbPU);
- Aleksandra Müller, M. Sc., Research assistant (RWTH Aachen);
- Minh Trinh, M. Sc., Research assistant (RWTH Aachen);
- Anatolijs Zabašta, Dr. sc.ing. (Riga Technical University).

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