

# International Polytechnic Summer School "Advanced Technologies for Materials Processing"

Peter the Great St. Petersburg Polytechnic University

Degree or qualification is awarded: **Certificate**

Language of study: **English**

Mode of study: **distance learning, full-time**

Duration: **1 week**

Availability of free education: **no**

Price: **160-305 Euro**

Programme webpage at the university website:

[https://summerschool.spbstu.ru/programs/advanced\\_technologies\\_for\\_materials\\_processing/](https://summerschool.spbstu.ru/programs/advanced_technologies_for_materials_processing/)

Programme curator: **Department of International Educational Programs**

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The School provides the unique opportunity to attend intensive academic program, which is focused on the processing technologies (PT) and joining techniques (JT) with experience of professors from European countries, with different opinions and approaches. The two-weeks School is divided in two blocks: Basics and Advanced. First block will give you the theoretical knowledge, basic descriptions of the technologies and an overview of their applications. Second block consists in advanced topics on these technologies based on state-of-the-art practice based activities in research laboratories and deep aspects of the material microstructure evolutions during processing. The program will cover: PT and JT, powder production and characterization, metallurgical and mechanical properties, residual stresses and post-treatments. The school program is suitable for students and engineers interested in these technologies and topics. All studies are developed in accordance with the European requirements and can be recognized as a period of study abroad.

Duration: 1 week

ECTS credits: 2.0

Participation fee:

Online format: 160 eur

On-site format: 305 eur

Participation fee includes tuition fee, study materials, field trips (for on-site format) and cultural program.

Cultural program

Socio-cultural program of extracurricular activities and networking events are included\*:

Online format:

- - Online Pub Quiz;
- - Online Interactive Tour to SPbPU Museum;
- - Online broadcasting of excursion to the Hermitage museum;

On-site format:

- - Boat city tour for students to get acquainted with the beauty of the city;
- - Excursion to the Hermitage, one of the world's largest and oldest museums of fine art;
- - Pub Quiz in the city center of St. Petersburg;
- - Excursion to Pushkin, former czar summer residence famous for its palace and park ensemble. Students will visit the outstanding Catherine Palace with glorious Amber room (optional, for extra price);
- - Excursion to Peterhof palace-ensemble with picturesque gardens, a countless number of fountains and giant golden statues (optional, for extra price)

\*All of the listed above activities are planned 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

Online format: June 21, 2021

On-site format:

- for EU- or visa-free countries nationals: June 07, 2021

- for non-EU nationals: April 26, 2021

### **Specializations within this programme**