



ALAR
Training Center



SUMMER SCHOOL

3D PRINTING TECHNOLOGIES

5-19 August, 2022

**DO YOU WANT TO LEARN HOW TO CREATE
OBJECTS ON A PRINTER AND KNOW HOW IT
WORKS? - JOIN THIS ONLINE SUMMER SCHOOL**

ECTS credits: 4.0



**SAMARA
UNIVERSITY**

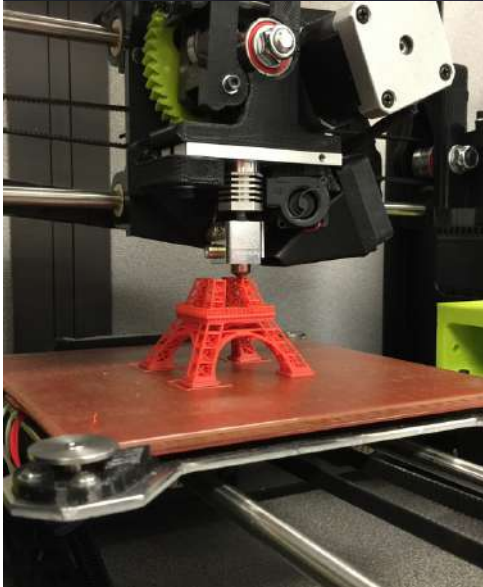
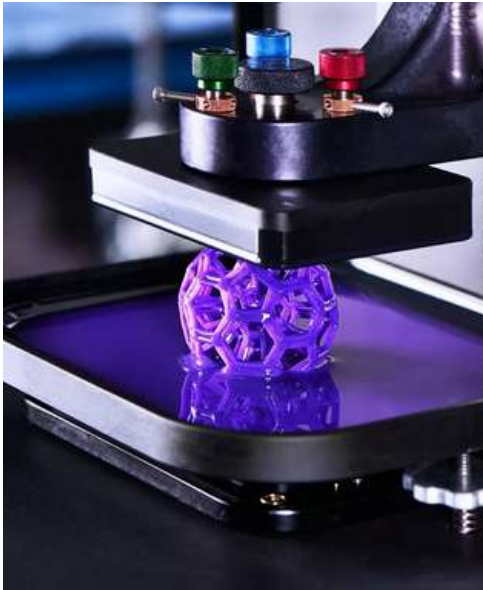


BRIEF DESCRIPTION

The school program is suitable for students and engineers interested in additive manufacturing for real industrial applications. You will learn 3D modeling and design your own product. You will study how to select 3D printing process and material for a best profit performance. You will be introduced to the principles of designing parts for AM for each major process, illustrated through a series of instructional examples and see artifacts produced at Samara University. The study program consists of two parts. 1 part: basic principles of the technologies and an overview of its applications. 2 part: case study activities at research laboratories. Along with studies, you will get a rich cultural program. Our team has prepared a wonderful journey to Russian cultural and social life.

Cost:

US\$900 - includes registration, teaching costs, 4.0 ECTS credits Certificate, additional Russian Language on-line course by ALAR Training Center (33h) + Certificate





Courses:

- Introduction to AM
- AM processes
- Generative design practical cases and applications
- Cost analysis of AM
- Digital modeling
- Practical cases and applications
- 3D printing in Space
- 3D printing in Medicine
- 3D printing in Social life
- 3D printing in Mechanical Engineering
- 3D printing in Aircraft engines

Program dates: 5-19 August, 2022

Registration deadline: 12 April, 2022

FORMAT: ON-CAMPUS

- Studies
- Excursions
- Support 24/7
- Certificate
- Additional program (visit to Moscow and Saint Petersburg)

[Join ON-CAMPUS](#)