ALAR
Training Center

SUMMER SCHOOL

AIRSPACE MATERIALS AND TECHNOLOGIES

18 July-01 August, 2025

DO YOU WANT TO LEARN MORE ABOUT SPACE TECHNOLOGIES AND HAVE EXCITING HOLIDAYS IN THE MOST BEAUTIFUL CITY OF RUSSIA? JOIN THIS SUMMER SCHOOL!

ECTS credits: 4.0 (on-campus), 2.0 (on-line)

SAMARA UNIVERSITY

SAMARA UNIVERSITY

ALAR Training Center

BRIEF DESCRIPTION

The development of space research is a priority around the world . Humanity has always dreamed of near and long -distance flights into space and to other planets of the solar system. Technology created for space concentrates everything the most advanced, from design decisions to the choice of new materials and technologies . While designers can find technical solutions with the help of computer modeling, the implementation of these solutions requires the development of new materials and innovative technologies. With advanced experience, Samara University (is in top -10 universities in Russia) organizes this two -week school . The most outstanding scientists will lead you to the insights of laboratories and show you machines and satellites that were created here in Samara National Research University and now are applied all over the world.

Cost: US$1,670, in two installments:

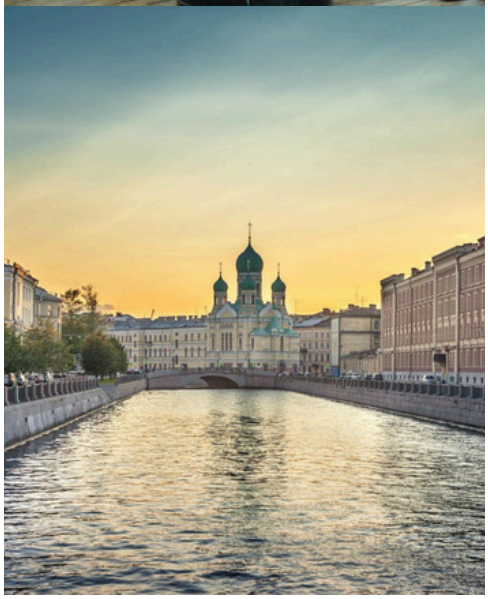
First installment: US$350 untill March 13th ’25
Second installment: US$1,320 untill June 30th ‘25

ENROLL NOW

2nd INSTALLMENT

SAMARA UNIVERSITY

ALAR Training Center



Included in cost:

Migrational support for visa, teaching costs (4 hours per day) , Arrival and departure transfer at the Samara airport, Accommodation at the hotel (2-3 students in a room), 2-time meal (breakfast and lunch) , Excursions, tours with transfers, tickets to museums , Social and entertainment activities, Tutor assistance during the stay in Russia , 4.0 ECTS credits Certificate, additional Russian Language virtul course by ALAR Training Center (33h) + Certificate

Program dates: 18 July-01 August, 2025

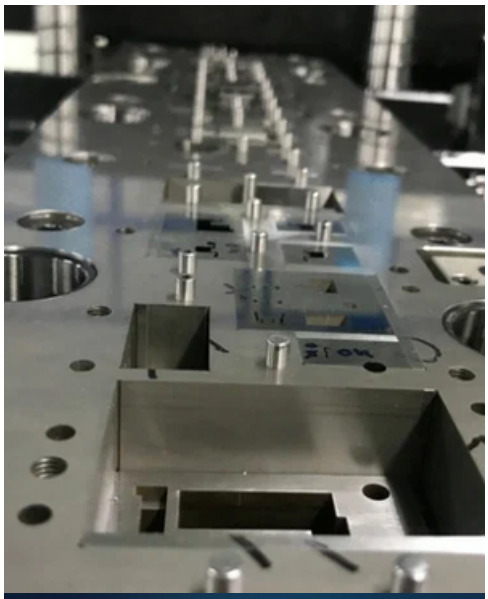
Registration deadline: 13.03.2025

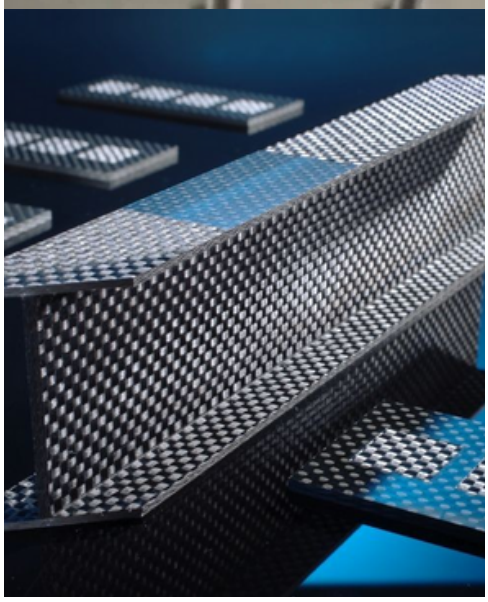
ENROLL NOW

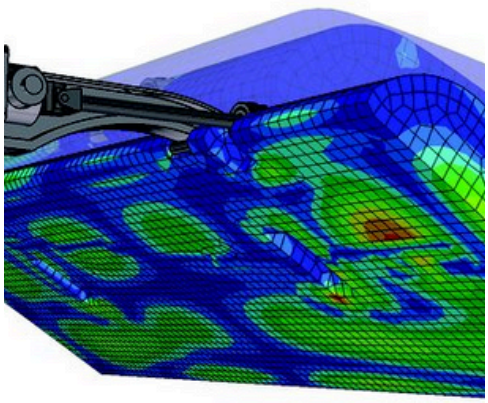
2nd INSTALLMENT

SAMARA UNIVERSITY

ALAR Training Center







SYLLABUS

. Special Methods of Sheet Stamping
. Advanced Composite Materials in Airframe Constructions
. Materials with Shape Memory
. Incremental Stamping
. Machining of Materials
. Key Steps in Setup Work for Small-Scale . CNC Turning Machines
. Key Steps in Setup Work for Small-Scale . CNC Milling Machines
. Modeling and Designing Modern Cutting Tools Using CAD Software
. Practical Application of Finite Element Analysis (FEA) for Determining the Stress-Strain State of Parts

ENROLL NOW

2nd INSTALLMENT