ALAR
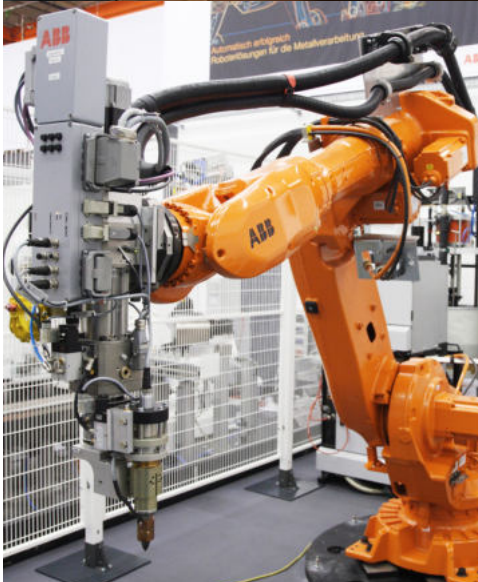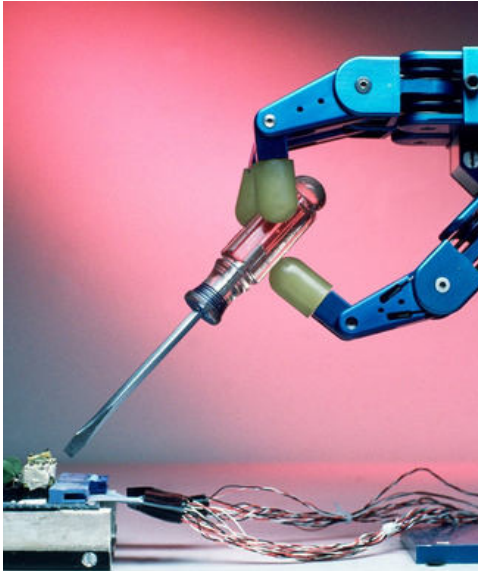Training Center

SUMMER SCHOOL

ROBOTICS AND MECHATRONICS

18 Jul – 01 Aug, 2023

READY TO BUILD YOUR OWN ROBOTS THAT CAN SOLVE SPECIFIC TECHNICAL PROBLEMS? JOIN THIS SUMMER COURSE!

ECTS credits: 4.0

SAMARA
UNIVERSITY

BRIEF DESCRIPTION

Create your own robot and compete with your friends in robots' competition. One of the leading regional robotic clubs and the best keen lecturers have gathered to give a broad overview of intelligent systems through a project -based approach. The course is for bachelor and master students who want to get knowledge and experience in all robots designing steps: in appropriate sensor selection, machine perception, path planning, localization, and artificial intelligence methodologies. All needed components and materials to assemble your robot and compete with other teams are at your disposal and included in the fee. You can use 3D printer to print any extra parts. Our friendly team, lecturers, entrepreneurs, mentors and coaches will lead the participants throughout the process, thus they can take a maximum of it.

Cost:

US$1000 – Includes trainings and lectures, handouts, consulting, software programs (if needed), culture activities, certificate and reference letter
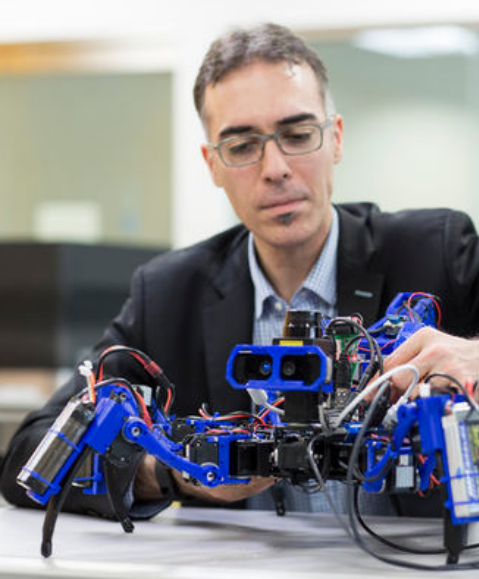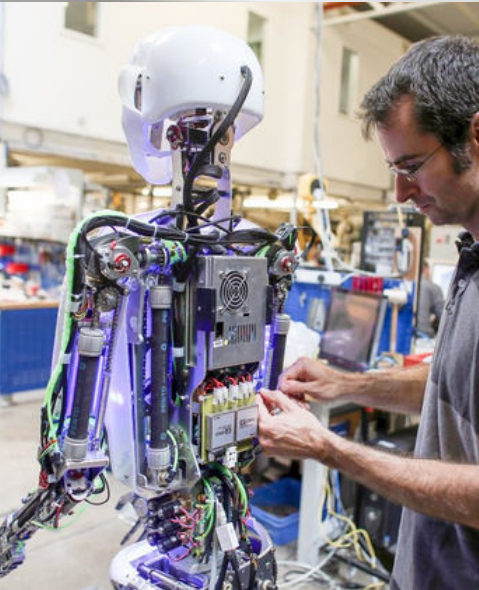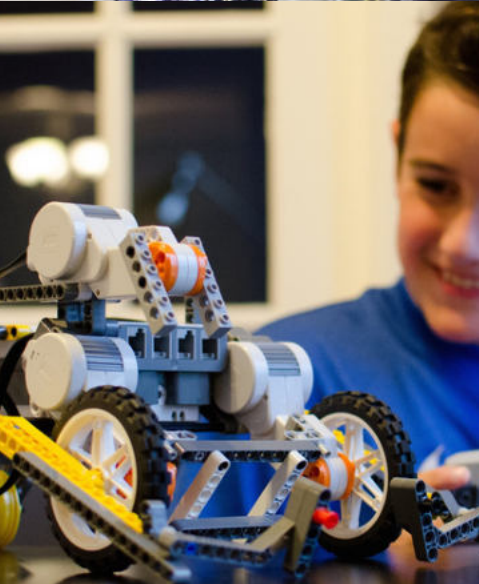
Join ON-CAMPUS

Courses:
- Robotic design and architecture
- Electronics in robotics
- Basics of microcontroller programming
- Remote telemetry and HMI
- Work on group projects

Program dates: 18 Jul – 01 Aug, 2023

Registration deadline: March 28, 2023

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

Join ON-CAMPUS