



INTERNATIONAL ROBOTICS-CAMP FOR STEM GIRLS JUNIOR

<i>Dates</i>	4th – 11th July 2020, 8 days
<i>Location</i>	TUHH (Hamburg University of Technology), Hamburg
<i>Age</i>	14 to 16 years old
<i>Gender</i>	100% Girls
<i>Group Size</i>	16 students. 2 female group chaperons. 2 university-employed tutors.
<i>Language</i>	English
<i>Goal of the Camp</i>	<ul style="list-style-type: none"> ▪ Learning basic principles of computer science, electrical engineering and CAD-based programming, leveraging your creativity. ▪ Meet like-minded girls from other countries and enhance your personal network. ▪ Learn how you can use robotics to make the world a better place. ▪ Experience the scientific team collaboration in a group of women. ▪ Increase your self-confidence and ability to pick a career in robotics.
<i>Academic Program</i>	<ul style="list-style-type: none"> ▪ Acquire knowledge in construction & CAD-based programming of diverse systems such as Arduino robot, 3-D printing & laser cutting at a resource-rich German public university. ▪ Visit the DLR AeroSpace Lab, FabLab, and e-racing team e-ignition ▪ Focus on creativity and project-based teamwork. ▪ Designed by Robotics Institute & TUHH for female teens.
<i>Required to Apply</i>	<ul style="list-style-type: none"> ▪ No previous robotics or coding experience required. ▪ Interest – and good school marks – in STEM-related subjects. ▪ Fluent English (Level: C1) ▪ Availability for a one-week preparation, via Webinar at home, before commencement of the camp: introduction to some basic robotics concepts
<i>App. Deadline</i>	1st May 2020
<i>Price</i>	672,27€ + MWSt 19% = 800€ (Academic fees, Transfer to/from Hamburg Intl. Airport, All meals, Accommodation, Transfer to/from TUHH, Excursion to Hamburg)

