



## *INTERNATIONAL ROBOTICS-CAMP FOR STEM GIRLS JUNIOR*

<i>Dates</i>	<i>Summer 2020, 8 days</i>
<i>Location</i>	<i>TUHH (Hamburg University of Technology), Hamburg</i>
<i>Age</i>	<i>15 to 17 years old</i>
<i>Gender</i>	<i>100% Girls</i>
<i>Group Size</i>	<i>16 students. 2 female group chaperons. 2 university-employed tutors.</i>
<i>Language</i>	<i>English</i>
<i>Goal of the Camp</i>	<ul style="list-style-type: none"> <li>▪ <i>Learning basic principles of computer science, electrical engineering and CAD-based programming, leveraging your creativity.</i></li> <li>▪ <i>Meet like-minded girls from other countries and enhance your personal network.</i></li> <li>▪ <i>Learn how you can use robotics to make the world a better place.</i></li> <li>▪ <i>Experience the scientific team collaboration in a group of women.</i></li> <li>▪ <i>Increase your self-confidence and ability to pick a career in robotics.</i></li> </ul>
<i>Academic Program</i>	<ul style="list-style-type: none"> <li>▪ <i>Acquire knowledge in construction &amp; CAD-based programming of diverse systems such as Arduino robot, 3-D printing &amp; laser cutting at a resource-rich German public university.</i></li> <li>▪ <i>Visit the DLR AyeroSpace Lab, FabLab, and e-racing team e-ignition</i></li> <li>▪ <i>Focus on creativity and project-based teamwork.</i></li> <li>▪ <i>Designed by Robotics Institute &amp; TUHH for female teens.</i></li> </ul>
<i>Required to Apply</i>	<ul style="list-style-type: none"> <li>▪ <i>No previous robotics or coding experience required.</i></li> <li>▪ <i>Interest – and good school marks – in STEM-related subjects.</i></li> <li>▪ <i>Fluent English (Level: C1)</i></li> <li>▪ <i>Availability for a one-week preparation, via Webinar at home, before commencement of the camp: introduction to some basic robotics concepts</i></li> </ul>
<i>App. Deadline</i>	<i>1st May 2020</i>
<i>Price</i>	<i>672,27€ + MWSt 19% = 850€ (Academic fees, Transfer to/from Hamburg Intl. Airport, All meals, Accomodation, Transfer to/from TUHH, Excursion to Hamburg)</i>
<i>Contact Information for further questions</i>	<i>info@robotics-institute.com Mobile: +49 175 69 699 31</i>

