ETH Robotics Summer School
Real Robots, Real Environments

Zurich, Switzerland, 29 June - 06 July 2020

Web: robotics-summerschool.ethz.ch
Email: robotics-summerschool@ethz.ch

IMPORTANT DATES

APPLICATION DEADLINE: 27 March 2020
(https://forms.gle/j49va3oTJtbLQeP2A)

Acceptance List: 15 April 2020
Summer School Dates: 29 June - 03 July 2020
Symposium: 06 July 2020

MOTIVATION AND DESCRIPTION

Robotics has become one of the biggest fields of education and research worldwide. The Center for Robotics at ETH Zurich is committed to providing continued education and training to
the young generations of researchers and practitioners. This summer school offers lectures and hands-on tutorials on fundamental concepts that every roboticist around the world should possess.

From 29 of June to 03 of July, tutorials as well as hands-on sessions with cutting edge robotics platforms will take place at a dedicated education and training center for search and rescue. Attendees will get the opportunity to team up with each other and program a (semi)-autonomous rough-terrain UGV, to extensively test it in a variety of environments, and finally to challenge colleagues in a competition.

In parallel to the summer school, a number of research teams from Switzerland and around Europe will join the training site for the week-long exercise sessions ARCHE (Advanced Robotic Capabilities for Hazardous Environments). Legged robots, teleoperated excavators, amphibious vehicles, UAVs and many other robots will be deployed in collapsed, burning, or flooded buildings and specialists from different organizations will share their knowledge.

All summer school participants will get the opportunity to attend the ETH Robotics Symposium on 06 of July, where leading researchers from across the world will share their experiences, results, and views on the different fields of robotics.

APPLICATION

Apply here: https://forms.gle/j49va3oTJtbLQeP2A

Diversity statement
The ETH robotic summer school is committed to fostering and cultivating a culture of diversity and equality.

Instructions
The number of participants is restricted to a maximum of 50 applicants to be selected on the basis of curriculum, motivation letter and diversity. Master Students and early stage Ph.D. students are encouraged to apply. Each student should fill out the application form and upload a CV and one-page motivation letter. Links to the applicant’s code repository or a video demonstrating his/her robotic experience/capabilities are encouraged (optional).

The school will cover all course materials, coffee breaks, meals, transportation, accommodation (including one night in Zurich), social dinner, entrance to the ETH Robotics Symposium, and entrance to ARCHE event. Travel cost will be covered by the participants.

The applications to attend should be received before 27 March 2020. Applicants will receive notification of acceptance by 15 April 2020 along with an invitation letter (if required).
Accommodation

28 June: Hostel Enge, Zurich. The school will provide accommodation the night before starting the school in order to take the bus to the training facility early next morning.

29 June - 03 July: Wangen an der Aare. All summer school participants will be hosted at Wangen an der Aare within walking distance to the Training and Educational Facility.

03-06 July: Hostel Enge, Zurich. The school has booked accommodation for the summer school participants at a special rate at the Youth Hostel. The accepted students need to confirm the reservation and pay on their own latest 29 of May 2020. This booking is optional and the students can opt-out and take care of their accommodation by themselves.

All provided accommodations are in gender separated shared rooms.

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FINANCIAL SUPPORT
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The Center for Robotics at ETH Zurich commitment with education goes beyond the economic barriers of excellent students. Thus, extraordinary applicants that require financial support are encouraged to apply for it. A justification letter must be uploaded along at the moment of application to be evaluated by the organizing committee.