

Undergraduate and Graduate Resarcher/Team Member Positions RoboCup Small Size League (SSL) Project

Project:

RoboCup is an annual international robotics competition founded in 1997 to advance robotics and AI research. In 2014, the competition was held in Brazil. RoboCup 2015 was in China. Small Size league (SSL) robot soccer is one of the RoboCup league divisions. Small Size robot soccer focuses on the problem of intelligent multi-agent cooperation and control in a highly dynamic environment with a hybrid centralized/distributed system. Building a successful team requires clever design, implementation and integration of many hardware and software sub-components into a robustly functioning whole making Small Size robot soccer a very interesting and challenging domain for research and education.

Boğaziçi University SSL team BRocks participated in previous competitions 2009 Graz, 2010 Singapore, 2011 İstanbul, 2012 Mexico City and 2013 Eindhoven. New undergraduate and graduate members are encouraged to join the team aiming to make a strong representation in 2015 Germany and 2016 Japan competitions.

Profile:

- Scope for Undergraduate (all levels)/graduate degree students in electrical/computer engineering: Electronics board design and testing, embedded software development, control algorithm design, high level AI software development
- Scope for Undergraduate (all levels)/graduate degree students in mechanical engineering: Mechanical design and implementation, software development
- You are motivated, enthusiastic, and eager to learn.
- You are independent, flexible, and have good organizational skills.

Offer:

You will be part of a stimulating and challenging work environment. As a member of the team and a contributor to a multi-disciplinary project, you will get to learn and apply engineering tools first hand. You will have the opportunity to participate in international competitions and get to meet with international peers. Scholarships maybe available for research oriented students.

Interested?

For more information please contact Prof. Dr. Mehmet Akar, tel.: +90 212 359 6854, mehmet.akar@boun.edu.tr. All applications require a resume and copies of undergraduate/graduate transcripts and a motivation letter.

