



USF RoboBulls Team Competes in RoboCup World Championship in Germany

A team of engineering students, led by Computer Science and Engineering Professor Alfredo Weitzenfeld, qualified to participate in the 2016 RoboCup World Championship held this summer in Leipzig, Germany. The Robot World Cup Initiative, or RoboCup, is an annual research project and competition in which robotics teams from around the world build a team of autonomous robots capable of playing soccer against an opposing robot team.

The Robobulls competed in the Robot Soccer Small-Size League. The team consisted of students from the colleges of Engineering and Arts & Science. The team gained a lot of experience while scoping out the other 22 teams from around the world. It's quite an accomplishment to be invited since RoboCup only invites the most qualified teams internationally to compete against each other in a five-day competition.

The main focus of the RoboCup competitions is the game of football/soccer, where the research goals concern cooperative multi-robot and multi-agent systems in dynamic adversarial environments. All robots in this league are fully autonomous.

Next year's competition will be held in Japan. In the meantime, the team is rebuilding and upgrading the robot model and building a portable field with cameras so they can compete outside the lab.

The RoboCup goal is: By the middle of the 21st century, a team of fully autonomous humanoid robot soccer players shall win a soccer game, complying with the official rules of FIFA, against the winner of the most recent World Cup.

To learn more about [RoboCup 2016 World Championship](#) and the USF [RoboBulls](#) check out their websites.

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