

The Women's Faculty Club presents

The Christina Marsden Gillis Academic Lives Program

“Robots, Humans and Artificial Intelligence”



In the near future robots will be in home and offices, will drive us around, will help humans with daily tasks and assists elderly, children and workers in factories. Scientists at Berkeley are at the forefront of robotics research trying to address issues as safety, scalability, intelligence, human interaction and societal impact. This symposium will give an overview of current technologies and discuss open societal questions.

Tuesday, April 3, 2018, 4:00 – 6:00 p.m.

**Presentations by Professors Francesco Borrelli, Ruzena Bajcsy,
Mark Mueller and Koushil Sreenath**



Ruzena Bajcsy

Ruzena Bajcsy is currently Professor of Electrical Engineering and Computer Sciences at the UC Berkeley and Director Emeritus of the Center for Information Technology Research in the Interest of Science (CITRIS). Prior to joining Berkeley, she headed the Computer and Information Science and Engineering Directorate at the National Science Foundation. She is the recipient of the Benjamin Franklin Medal for Computer and Cognitive Sciences (2009) and the IEEE Robotics and Automation Award (2013) for her contributions in the field of robotics and automation.



Francesco Borrelli

Francesco Borrelli is currently a Professor at the Department of Mechanical Engineering of UC Berkeley. He is the author of the book *Constrained Optimal Control of Linear and Hybrid Systems* and more than one hundred publications in the field of predictive control. He is the founder and CTO of BrightBox Technologies Inc, a company focused on cloud-computing optimization for autonomous systems. He is the co-director of the Hyundai Center of Excellence in Integrated Vehicle Safety Systems and Control at UC Berkeley.



Mark Mueller

Mark Mueller received a B.Eng. in Mechanical and Aeronautical Engineering at the University of Pretoria in South Africa in 2008. With a scholarship from the Swiss Federation, he continued to his M.Sc. and Dr. Sc. in Mechanical Engineering at the ETH Zurich, in 2011 and 2015, respectively. He joined the Mechanical Engineering Department at UC Berkeley in August 2016.



Koushil Sreenath

Koushil Sreenath is an Assistant Professor of Mechanical Engineering, at UC Berkeley. He was a Postdoctoral Scholar at the GRASP Lab at University of Pennsylvania from 2011 to 2013 and an Assistant Professor at Carnegie Mellon University from 2013 to 2017. His work on dynamic legged locomotion on the bipedal robot MABEL was featured on The Discovery Channel, CNN, ESPN, FOX, and CBS.

Women's Faculty Club – Stebbins Lounge

Academic Lives Programs are complimentary and open to the campus community

Room Capacity Limited – RSVP Required

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