University of Pavia Ph.D. School in Electrical and Electronics Engineering and Computer Science Ph.D. School in Bioengineering and Bioinformatics

SEMINAR
Learning to Predict and Control in the Next Generation of Automated Insulin Delivery Systems for People with Diabetes

Bio:

Dr. Marzia Cescon is the David C. Zimmerman Assistant Professor in Mechanical Engineering at the University of Houston, Cullen College of Engineering, Houston, TX and an adjunct investigator at Sansum Diabetes Research Institute in Santa Barbara, CA. She earned the BSc degree and the MSc degree in Automation Engineering from the University of Padua, Italy, and received the PhD degree in Controls in 2014 from the Automatic Control Department at Lund University, Sweden. In 2014 she was a research specialist with the biomedical control group lead by prof. Francis Doyle in the Chemical Engineering Department at the University of California, Santa Barbara. She moved to Melbourne, Australia, in January 2015 where she joined the Control and Signal Processing Lab at the Melbourne School of Engineering. After a short stint in 2017 as lead technologist and data scientist at Dianovator AB, a new digital health start-up in diabetes technology, she returned to academia in January 2018, as a postdoctoral fellow at the Harvard John A. Paulson School of Engineering and Applied Sciences in Cambridge, MA, working on automated insulin delivery systems for people with diabetes with Prof. Francis Doyle and Dr. Eyal Dassau.