

SÉMINAIRE DU GROUPE AUTOMATIQUE

Conférence de Ms FERREIRA DE LOZA
Dolores Alejandra

JEUDI 05 DÉCEMBRE 2019

DE 16H À 17H30

AMPHI JEAN-PAUL DOM (IMS)

On the trajectory tracking control of autonomous vehicles

The talk discusses the theoretical approaches and experiments on trajectory tracking control in autonomous vehicles using variable structure methods. Two study cases are presented: AutoNOMO and quadrotor.

FERREIRA DE LOZA Dolores Alejandra

was born in Mexico in 1976. She received the Ph.D. degree from the National Autonomous University of Mexico (UNAM), Mx, in 2010. From 2010 to 2012, she was appointed as a postdoctoral researcher at LAMIH, University of Valenciennes, and Hainaut Cambrésis, Fr. From 2012 to 2013, she hold a postdoctoral position at IMS Lab, University of Bordeaux, Fr. In 2013 she worked at CINVSTAV Monterrey, Mx. Since 2014, she has been working at IPN-CITEDI, Tijuana, Mx, where she is currently a CONACyT research fellow. She has coauthored over 30 referenced journals and conferences. Her professional interests are observation and identification of nonlinear systems, sliding-mode control, as well as their applications to automotive control, autonomous vehicles, among others.



Unité de formation
**Sciences de
l'ingénieur**

SysNum
Sensors to decision

université
de **BORDEAUX**

