

Workshop on Robotic Manipulation of Deformable Objects (ROMADO)

2020 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)

-- Invited talk 4 --

Title: Grasp synthesis of articulated objects with n links

Speaker: Raúl Suárez

Bio: Raúl Suárez received the Electronic Engineer (Hons.) degree from the National University of San Juan, San Juan, Argentina, in 1984, and the Ph.D. (cum laude) degree from the Universitat Politècnica de Catalunya (UPC), Barcelona, Spain, in 1993. He is a Research Supervisor with the Institute of Industrial and Control Engineering (IOC), UPC. He was responsible for the research line on process control at the IOC from 1998 to 2003, the Deputy Director of the IOC from 2003 to 2009, and its Director from 2009 to 2016 (re-elected in 2012). Dr. Suárez is the coordinator of the PhD. Program "Automatic Control, Robotics and Computer Vision" at UPC. He is the president of the IEEE RAS Spanish Chapter. His research activities have been mainly focused on the area of robotized assembly, especially in the field of fine motion planning in the presence of uncertainty, and more recently in the field of robotized grasping and manipulation. His current research interests include grasping and manipulation, mechanical hands, fixturing, assembly, task planning, telemanipulation, and manufacturing automation.

Speaker Website: <https://iocnet.upc.edu/usuaris/raulsuarez/>

Workshop Website: <http://commandia.unizar.es/irosworkshop2020/>

Conference Website: <https://www.iros2020.org/>