

Line of research: Optimization and Control of Distributed Systems (ODS)



Pablo Millán Gata

- Design and implementation of advanced formation control techniques for autonomous surface vehicles

Diego Luis Orihuela Espina

- Distributed estimation of infinite-dimensional dynamic systems or systems described by partial differential equations.
- Identification and control of switched systems with agricultural applications
- Asynchronous control with agricultural applications

Fabio Gómez-Estern Aguilar

- Reinforcement learning applied to industrial robotics

Isabel Jurado Flores

- Distributed decision algorithms for smart agriculture. Design and implementation on IOT networks.

Guillermo Bejarano Pellicer

- Design and implementation of distributed predictive controllers for dynamic obstacle avoidance of a fleet of unmanned aquatic vehicles