

PUBLICATIONS

Peer-reviewed papers

1. Distributed Formation Control of Quadrotors under Limited Sensor Field of View, D. Dias, P. U. Lima, A. Martinoli, *Autonomous Agents and Multi Agent Systems (AAMAS)*, Singapore, 2016.
2. On-Board Vision-Based 3D Relative Localization System for Multiple Quadrotors, D. Dias, R. Ventura, P. U. Lima, A. Martinoli, *International Conference on Robotics and Automation (ICRA)*, Stockholm, Sweden, 2016.
3. Environmental Field Estimation with Hybrid-Mobility Sensor Networks, C. Evans, D. Dias, S. Roelofsen, A. Martinoli, *International Conference on Robotics and Automation (ICRA)*, Stockholm, Sweden, 2016.
4. Absolute localization for low capability robots in structured environments using barcode landmarks, D. Dias, R. Ventura, *Journal of Automation, Mobile Robotics & Intelligent Systems*, 2013
5. Absolute localization for low capability robots in structured environments, D. Dias, R. Ventura, Proc. RecPad 2011 - *17th Portuguese Conference on Pattern Recognition*, Porto, Portugal, 2011.

Dissertations

1. D. Dias, “Distributed State Estimation and Control of Autonomous Quadrotor Formations Using Exclusively Onboard Resources”, PhD Thesis within the IST-EPFL initiative, 2018 (to appear).