1. EXECUTIVE SUMMARY

During the year of 2019 there were no research and technological activities taking place in the framework of the Lisbon Pole of ISR, nor were financed through ISR (NIF 502 854 227). All the research activities were carried out in the context of the research unit ISR/IST where all contracts and activities took place at Instituto Superior Técnico.

For informative purposes only, we describe the scientific publications and doctoral theses that were produced by the research group hosted at the Instituto Superior Técnico, in spite of the fact that none of these activities were developed in the context the Lisbon Pole of ISR.

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2. PUBLICATIONS

A. International Journals,


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[36] Pedro Casau, Rita Cunha, Ricardo G. Sanfelice, Carlos Silvestre, Hybrid control for robust and global tracking on a smooth manifold, IEEE Transactions on Automatic Control, pp. 1–1, 2019

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B. International Conferences,


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[17] Carlos Santiago, Duarte M Alves, Beatriz Ferreira, João Carvalho, Alberto Messina, João Paulo Costeira, Video Analysis Based on Human Pose for Unsupervised Summarization and Retrieval, Proc. of International Conference on Content-Based Multimedia Indexing (CBMI), Dublin, Ireland, 2019


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[33] Hemaxi Narotamo, João Sanches, Margarida Silveira, Segmentation of cell nuclei in fluorescence microscopy images using deep learning, Proc. of 9th Iberian Conference on Pattern Recognition and Image Analysis (IbPRIA 2019), Madrid, Spain, 2019

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C. Books,

[1] João Rodrigues, Célia Ramos, Pedro Cardoso, Cláudia Henriques, Handbook of Research on Harnessing the Internet of Everything (IoE) for Accelerated Innovation Opportunities, Hershey, (pp. 1-506), 2019

D. Book Chapters,

[1] Nelson Pinto, Dario Cruz, Jânio Monteiro, Cristiano Cabrita, Jorge Semião, Pedro Cardoso, Luís Oliveira, João Rodrigues, IoE based Control and Monitoring of Electrical Grids: a Smart Grid’s perspective, Chapter 3 of Harnessing the Internet of Everything (IoE) for Accelerated Innovation Opportunities (pp. 57-82), IGI Global, 2019

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E. PhD Theses


