

TEACHING

Fall 2016	Computer Sciences — <i>Intelligent robotics</i> — Teaching assistant Yale University
Spring 2014	Computer Sciences — <i>System programming</i> — Teacher Université de Bordeaux—Pôle universitaire français, Ho Chi Minh City, Vietnam
Spring 2013	Mathematics — <i>Cryptography</i> — Teaching assistant Université de Bordeaux
Spring 2013	Computer Sciences — <i>Introduction to robotics</i> — Teacher Université de Bordeaux
Fall 2012	Computer Sciences — <i>System programming</i> — Teacher Université de Bordeaux—Pôle universitaire français, Ho Chi Minh City, Vietnam
Spring 2012	Mathematics — <i>Cryptography</i> — Teaching assistant Université de Bordeaux
Spring 2012	Mathematics — <i>Statistics I</i> — Teaching assistant Université de Bordeaux
Spring 2011	Mathematics — <i>Analysis I</i> — Teaching assistant Université de Bordeaux
Spring 2011	Mathematics — <i>Elementary cryptography</i> — Teaching assistant Université de Bordeaux

LIST OF PUBLICATIONS

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- [1] A. Roncone, O. Mangin, and B. Scassellati. “Transparent Role Assignment and Task Allocation in Human Robot Collaboration”. In: *Robotics and Automation (ICRA), IEEE International Conference on* (2017).
 - [2] O. Mangin et al. “MCA-NMF: Multimodal Concept Acquisition with Non-Negative Matrix Factorization”. In: *PLoS ONE* 10.10 (2015), e0140732.
 - [3] O. Mangin. “The Emergence of Multimodal Concepts: From Perceptual Motion Primitives to Grounded Acoustic Words”. PhD thesis. Université de Bordeaux, 2014.
 - [4] O. Mangin and P.-Y. Oudeyer. “Feature learning for multi-task inverse reinforcement learning”. 2013.
 - [5] O. Mangin and P.-Y. Oudeyer. “Learning Semantic Components from Subsymbolic Multimodal Perception”. In: *the Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics (ICDL-EpiRob)*. 3. 2013.
 - [6] O. Mangin and P.-Y. Oudeyer. “Learning the combinatorial structure of demonstrated behaviors with inverse feedback control”. In: *International Workshop on Human Behavior Understanding*. 3. Vilamoura, Algarve (Portugal), 2012.
 - [7] O. Mangin and P.-Y. Oudeyer. “Learning to recognize parallel combinations of human motion primitives with linguistic descriptions using non-negative matrix factorization”. In: *International Conference on Intelligent Robots and Systems (IROS 2012)*. Vilamoura, Algarve (Portugal): IEEE/RSJ, 2012.
 - [8] O. Mangin, D. Filliat, and P.-Y. Oudeyer. “A bag-of-features framework for incremental learning of speech invariants in unsegmented audio streams”. In: *Tenth International Conference on Epigenetic Robotics*. Ed. by B. Johansson, E. Sahin, and C. Balkenius. Öorenäas Slott, Sweden, 2010, pp. 73–80.

AWARDS

2014 Best thesis poster — Bordeaux doctoral school of mathematics and computer science