

**RO-MAN 2017 Technical Program Monday August 28, 2017**

Half Day Tutorial	Full Day WS1	Full Day WS2	Full Day WS3	Full Day WS4	Full Day WS5	Full Day WS6	Full Day WS7
09:00-12:20 MWT1 Ajuda III Enriching Robots with Ontological-Cognitive Knowledge (E-ROCK)	09:00-17:30 MW1 Ajuda I 2nd Workshop on Behavior Adaptation, Interaction and Learning for Assistive Robotics (BAILAR 2017)	09:00-17:30 MW2 Belem II Towards Intelligent Social Robots: Social Cognitive Systems in Smart Environments	09:00-17:30 MW3 Alter Real EMSHRI 2017: 3rd Workshop on Evaluation Methods Standardization for Human-Robot Interaction	09:00-17:30 MW4 Belem I Workshop on Social Interaction and Multimodal Expression for Socially Intelligent Robots (WS-SIME)	09:00-17:30 MW5 Paso Workshop on Robot Therapy with Seal Robot, PARO	09:00-17:30 MW6 Lusitano II 3rd Workshop on Groups in Human-Robot Interaction	09:00-17:30 MW7 Ajuda II Rethinking Robotics for the Robot Companion of the Future: The RoboCom++ Fet-Flagship-Proof-Of-Concept Project

19:30-22:00 Welcome-Reception dinner in Lusitano II room and adjoining gardens

**RO-MAN 2017 Technical Program Tuesday August 29, 2017**

Track 1	Track 2	Track 3	Track 4	Track 5
09:00-09:30 Tu01 Belem I+Belem II Opening Ceremony				
09:30-10:30 TuPL1 Belem I+Belem II Human-AI Interaction in Autonomous Intelligent Service Robots - Prof. Manuela Veloso (Carnegie Mellon University, USA)				
10:30-11:00 Coffee-Break				
11:00-12:30 Tu1A Ajuda I Cognitive Interaction Design (I)	11:00-12:30 Tu1B Belem II Social Robotics (I)	11:00-12:30 Tu1C Belem I Rehabilitation and Assistive Robotics (I)	11:00-12:30 Tu1D Ajuda III Robot Companions	11:00-12:30 Tu1E Ajuda II Tele-Operated and Autonomous Robots
12:30-14:00 Lunch-Break, lunch served in Lusitano I and Lusitano II rooms				
14:00-15:30 Tu2A Ajuda I Cognitive Interaction Design (II)	14:00-15:30 Tu2B Belem II Social Robotics (II)	14:00-15:30 Tu2C Belem I Rehabilitation and Assistive Robotics (II)	14:00-15:30 Tu2D Ajuda II Linguistic Communication and Dialogue	14:00-15:30 Tu2E Ajuda III Human-Robot Collaboration and Cooperation (I)
15:30-16:00 Coffee-Break				
16:00-17:45 Tu4A Ajuda I Cultural Factors in Human-Robot Interactions	16:00-17:30 Tu3B Belem II Social Robotics (III)	16:00-17:30 Tu3C Ajuda II Non-Verbal Cues and Expressiveness	16:00-17:30 Tu3D Belem I Medical Robotics	16:00-17:30 Tu3E Ajuda III Human-Robot Collaboration and Cooperation (II)

**RO-MAN 2017 Technical Program Wednesday August 30, 2017**

Track 1	Track 2	Track 3	Track 4	Track 5
09:00-10:30 We1A Belem II Human-Robot Interaction (I)	09:00-10:30 We1B Ajuda II Motivations and Emotions in Robotics	09:00-10:30 We1C Ajuda III Robots in Education	09:00-10:30 We1D Belem I Creating Human-Robot Relationships (I)	09:00-10:30 We1E Ajuda I Virtual and Augmented Tele-Presence Environments
10:30-11:00 Coffee-Break				
11:00-12:30 We2A Belem II Human-Robot Interaction (II)	11:00-12:30 We2B Ajuda II Collaboration in Manufacturing Environments	11:00-12:30 We2C Ajuda III Detecting and Understanding Human Activity (I)	11:00-12:30 We2D Belem I Creating Human-Robot Relationships (II)	11:00-12:30 We2E Ajuda I Novel Interfaces and Interaction Modalities
12:30-14:00 Lunch-Break, lunch served in Lusitano I and Lusitano II rooms				
14:00-14:45 WePL2- Belem I+Belem II Comanoids: Collaborative Humanoid Robots - Prof. Abderrahmane Kheddar (CNRS - Centre National de la Recherche Scientifique and University of Montpellier LIRMM, France; CNRS-AIST Joint Robotic Laboratory, Tsukuba, Japan)				
14:45-15:30 WePL3- Belem I+Belem II Human-Human Collaboration for Better Human-Robot Collaboration - Prof. Bram Vanderborcht (Vrije Universiteit Brussel, Belgium)				
15:30-16:15 WePoster1 Ajuda I Poster Session				
16:15-17:30 We3A Belem I Human-Centered Motion Planning and Navigation (I)	16:15-17:30 We3B Ajuda II Human-Assistive Technologies in the "Real World"	16:15-17:30 We3C Ajuda III Social and Affective Robots	16:15-17:30 We3D Belem II Cloud Technologies: Empowering Robots to Connect Society	

18:30-22:00 Conference Banquet at Forte São Julião da Barra

**RO-MAN 2017 Technical Program Thursday August 31, 2017**

Track 1	Track 2	Track 3	Track 4	Track 5
09:00-10:30 Th1A Ajuda I Machine Learning and Adaptation	09:00-10:30 Th1B Belem I Human-Centered Motion Planning and Navigation (II)	09:00-10:30 Th1C Ajuda II Human Centered Robot Design	09:00-10:30 Th1D Belem II Ethical Issues in Human-Robot Interaction	09:00-10:30 Th1E Ajuda III Detecting and Understanding Human Activity (II)
10:30-11:00 Coffee-Break				
11:00-11:45 ThRT- Belem I+Belem II Round Table: New Challenges for Human-Robot Interaction and Co-Operation in the Industry 4.0 and Beyond				
11:45-12:45 ThClosing- Belem I+Belem II Closing and Awards Ceremony				

**RO-MAN 2017 Technical Program Friday September 1, 2017**

Full Day WS	Full Day WS	Full Day WS	Full Day WS	Half Day WS	Half Day WS	Half Day WS	Half Day WS
09:00-17:30 FW2 Lusitano II Agent Transparency for Human-Autonomy Teaming Effectiveness	09:00-17:30 FW7 Ajuda II NISR-TG@RO-MAN2017, Workshop of the Natural Interaction with Social Robots Topic Group of Eurobotics	09:00-17:30 FW8 Belem I The Mutual Shaping of Human-Robot Interaction	09:00-17:30 FW10 Ajuda I The Barriers of Social Robotics Take-Up by Society	09:00-12:20 FW3 Ajuda III CARobots: Automated Driving Systems As Robots on Four Wheels	09:00-12:20 FW5 Alter Real User Experience and Communication in Interactive Robotic Systems: Ideas, Experiences and Case Studies	09:00-12:20 FW1 Paso Autonomous Robot Ontology Workshop (AROW 2017)	09:00-12:20 FW6 Belem II Human-Robot Collaboration for an Improved Quality of Work - Scientific Knowledge, Challenges and ISO-Standards
				14:00-17:30 FWA3 Ajuda III FW9 ARMADA'17: Artificial Perception, Machine Learning and Datasets for Human-Robot Interaction	14:00-17:30 FWA5 Alter Real FW4 HRI for Service Robots in RoboCup@Home		