

European Robotics Forum 2015: Vienna, 11-13 March 2015

Wednesday, 11 March 2015					
	SPARC Room	SCHUNK Room	KUKA Room	ABB Room	
8h30 – 10h00	Robotics projects... beyond the Robotics Unit Anne Bajart, Olivier Da Costa, Cécile Huet	Robotics for logistics and transport Jesús Alfonso De la Riva Achim J. Lilienthal	Aerial manipulation Gianluca Antonelli Vincenzo Lippiello George Nikolakopoulos	Marine Robotics Massimo Caccia, Ahmed Chemori, Vincent Creuze, Eleni Patouni	Entrepreneurship workshop (closed sessions) <i>Joanneum Room</i> Geoff Pegman, Jon Agirre Ibarbia, Renaud Champion • Part 1: 08:30 - 10:00: Speed dating session Part 2a: 10:00 – 12:30: Coaching session
10h00 – 10h30	Coffee break (ground floor)				
10h30 – 12h30	Welcome notes from euRobotics, European Commission, Austrian Ministry Panel discussion on “Robotics and Jobs”				
12h30 – 14h00	Lunch break (ground floor)	Press Conference with Speakers and Panellists of the Opening Session	Lunch break (ground floor)		
14h00 – 15h30	Robotics in Austria Andreas Müller	Hybrid production systems Ramez Awad	Robot competitions Pedro U. Lima, Bruno Siciliano, Alan Winfield	Georges Giralt PhD Award presentations Gerhard Kraetzschmar	Part 2b: 14:15 – 15:30: Coaching session <i>Joanneum Room</i>
15h30 – 16h15	Coffee break (ground floor)				
16h15 – 18h15	Part 3 – Entrepreneurship workshop: 14:30 - 17:00 : Judging session (Open to ERF attendants)	Robotics and Regulation Pericle Salvini	On Robot's Social Intelligence and Natural Interaction Capabilities with End User Development Amit Kumar Pandey, Rachid Alami, Agnieszka Wykowska, Emilia I. Barakova, Anna Esposito, Bruce A. MacDonald, James P. Diprose	Cognition in Robotics: pre-programmed vs. Learning Markus Vincze, Alessandro Saffiotti	Tech Transfer Award presentations Martin Hägele <i>Joanneum Room</i>
19h00 – 22h00	Reception (Pallavicini Palais)				



	Thursday, 12 March			
	SPARC Room	SCHUNK Room	KUKA Room	ABB Room
8h30 – 10h00	First H2020 projects and their contribution to the SRA ECHORD++ and EuRoC EC: Cécile Huet and Mariusz Baldyga ECHORD++: Reinhard Lafrenz EuRoC: Awad Ramez and Jonathan van der Meer	Challenges in Perception based on Domain Requirements Michael Suppa	Flexibility and dexterity in industrial robots Sotiris Makris	Research & Innovation Camps For open source industrial robot software Ulrich Reiser
10h00 – 10h45	Coffee break (ground floor)			
10h45 – 12h15	Step change results from FP7 projects Cécile Huet, Bjoern Juretzki and Franco Mastroddi	Digital Skills for attractive jobs in manufacturing and service automation Martin Haegele	Cognitive Robotics in future manufacturing scenarios Andreas Pichler, Gerald Fritz	Hardware and software modularity and interoperability in Service Robotics: Toward standardisation Gurvinder Virk and Paolo Barattini, Maria Elena Giannaccini
12h15 – 14h00	euRobotics General Assembly	Lunch break (ground floor)		
14h00 – 15h30	H2020 Call1 projects ECHORD++ EuRoC Let's collaborate and exchange Best Practices EC: Cécile Huet and Mariusz Baldyga ECHORD++: Reinhard Lafrenz EuRoC: Awad Ramez and Jonathan van der Meer	Award pitch presentations Entrepreneur, PhD	Space Robotics Daniel Nölke, Bernd Sommer	Functionality Driven Mechatronics Design M. Grebenstein
15h30 – 16h15	Coffee break (ground floor)			
16h15 – 17h45	European robotics regions & clusters Paolo Dario, Uwe Haass, Cécile Huet, Laura Margheri	Ethical problems of robotics – Actual and perceived Vincent Müller	Industrial robotics: needs and Directions Jose Saenz, Federico Vicentini, Mark Lewandowski, David Branson,	Robotics in Education & Education of Robotics Petra Koudelkova, Gerhard Kraetzschmar (until 18h15)
19h00 – 22h00	Social event (Heurigen "Schreiberhaus")			



	Friday, 13 March			
	SPARC Room	SCHUNK Room	KUKA Room	ABB Room
8h30 – 10h00	Robots as Helpers and Companions for Assisted Living Filippo Cavallo, Paolo Dario, Sabine Payr, Franz Werner	Networking & Communication for robots Libor Přeučil and Johan Philips	Mobile manipulation in manufacturing Volker Kruger, Germano Veiga, Anton Garcia-Diaz, José Saenz, Uwe Zimmermann	New applications and opportunities in telerobotics Manuel Ferre, Jordi Artigas
10h00 – 10h45	Coffee break (ground floor)			
10h45 – 12h15	Robots in the laboratory Patrick Courtney	Model-Driven Knowledge Engineering for Improved Software Modularity in Robotics and Automation Ulrike Thomas	Replicable robotics research and benchmarking Fabio Bonsignorio and Jan Veneman	Market place for Open Innovation between European SMEs Erwin Prassler
12h15 – 14h00	Lunch break + Awards			
14h00 – 15h30	Health care in robotics Christophe Leroux	Towards New Robotics Software Markets for SMEs Reinhard Lafrenz, Christian Schlegel	Tactile Sensing – Down to Earth Lessons Learned From Research to industry Michael Strohmayer	Operator assisted mobile robots For inspection of harsh environments Lukas Silberbauer
15h30 – 16h15	ERF Feedback discussion	Coffee break (ground floor)		
16h15 – 17h45	Civil robotics networking Francesco Fedi	ROS Community Workshop Richard Walker	Inspection and Maintenance Ekki Zwickert	Support for startups Geoff Pegman