

European Robotics Forum - Rovereto 2014

DAY 1 – 12.03.2014

Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
8:00 Registration						
08:30 - 10:30	“Step changes” testimonies – selection of finished FP7 project Cécile Huet	Robotics for movement rehabilitation and assistance Danijela Ristic-Durrant, Daniel Polani, Farshid Amirabdollahian, Gurvinder Virk	ELS issues in robotics Topic Group workshop Christophe Leroux	Miniaturised Robotics Nicolas Andreff	Advances in robot machining Dragoljuz Surdilovic	AIcOR Topic Group: AI and Cognition in Robotics Alessandro Saffiotti, David Vernon
10:30 - 11:00 Coffee Break						
11:00 - 11:30	Welcome speeches Italian representative, Khalil Rouhana (European Commission), Bernd Liepert, Herman Bruyninckx					
11:30 - 12:30	EC Forum Khalil Rouhana					
12:30 - 13:30 Lunch Break						
13:30 - 14:00	euRobotics aisbl Rainer Bischoff , Herman Bruyninckx - SRA-MAR workshop overview - General Assembly preparation					
14:00-15:30	Robotics PPP David Bisset - explanation of MAR - concrete process of MAR updating				Entrepreneurship-Workshop [PART 1-Speed dating session] - on invitation only! Geoff Pegman, Thilo Zimmermann, Jon Agirre, Renaud Champion	Shared resources, benchmarking and performance evaluation Anne Bajart
15:30 - 16:00 Coffee Break						
16:00-18:00	MAR workshop David Bisset – all Topic Groups	Aerial Robots: Towards a New Generation of Manipulators that Fly Matteo Fumagalli Anibal Ollero	ELS issues in robotics Topic Group workshop Christophe Leroux	Recent Advances in Marine Robotics Vincent Creuze, Massimo Caccia Giuseppe Casalino	Entrepreneurship-Workshop [PART 1 - Coaching session] - on invitation only! Geoff Pegman, Thilo Zimmermann, Jon Agirre, Renaud Champion	
18:00 - 18:30						
18:30 - Get Together and Welcome Reception						

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DAY 2 – 13.03.2014

Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
8:00 Registration						
08:30 - 10:30	<p>"Robotics in Italy" "Robotics Research and Technologies in the Homeland of Renaissance Engineers" Italian host organisation</p>	<p>Dual arm robots for skilled manufacturing operations Sotiris Makris, Gian Paolo Gerio</p>	<p>Trends and issues in the integration between Service Robots and Smart Environments Mauro Dragone, Arantxa Renteria</p>	<p>3rd Workshop on Robot Competitions, Challenges and Benchmarking - exploring the synergies Alan Winfield, Pedro Lima</p>	<p>Cognitive Systems: domain evolution and applications in Civil Robotics Giovanni Barontini</p>	<p>Entrepreneurship-Workshop [Part 2 - Judging session] - Open to ERF participants - Geoff Pegman, Thilo Zimmermann, Jon Agirre, Renaud Champion entrepreneurs presentations</p>
10:30 - 11:00 Coffee break						
11:00-11:30	<p>Economic Aspects of Robotics and Automation M. Goos</p>	<p>Cognitive robotics in industry: Demonstrations of cognitive technologies and human robot interaction in flexible industrial applications Anders Beck, Thomas Dietz, Thilo Zimmermann</p>	<p>Health care robotics for assisted and active living Mette Nielsen</p>	<p>Future Technological Waves in Mechatronics: Next years' innovations and long Term perspectives Albu-Schäffer, Markus Grebenstein, Antonio Bicchi</p>	<p>Cognitive Systems: domain evolution and applications in Civil Robotics Giovanni Barontini</p>	11:00-11:30 Coffee break
11:30 - 12:00						<p>"Additional Funding opportunities" Echord++ outline – Reinhard Lafrenz EuRoC-Outline - Bruno Siciliano</p>
12:00 - 12:30						
12:30 - 13:30 Lunch Break						
13:30 - 14:30	<p>Georges Giralt PhD Award Education & Training Board</p>	<p>Autonomous Vehicles for Long-Term Operation in Industrial Environments Todor Stoyanov, Jari Saarinen, Henrik Andreasson, Achim Lilienthal</p>	<p>Robotics for Healthcare Topic Group workshop Christophe Leroux</p>	<p>Dexterous Robotic Manipulation Systems for Clothing and Flexible materials Paul Siebert, Gerardo Aragon-Camarsa, Susanne Oehler, William Cockshott</p>	<p>Robotic Inspection and Maintenance - Discussing the needs and requirements with end users in Oil and Gas Industries Ekkehard Zwicker Sieger Trepsta</p>	<p>Closing the Gap between Action and Perception to enable robots to learn, adapt and react in real world scenarios Michael Suppa, Achim Lilienthal, Darius Burschka, Michael Beetz</p>
14:30 - 15:30	<p>General Assembly euRobotics aisbl</p>					
15:30 - 16:00 Coffee break						
16:00 - 18:00	<p>euRobotics Technology Transfer Award Presentation of finalists Martin Hägele</p>	<p>Safety in Industrial Robotics: trends, integration and standards Federico Vicentini, Björn Matthias, Paolo Barattini</p>	<p>The Role of the EU Regions in Supporting Robotics Infrastructures Paolo Dario, Eugenio Guglielmelli, Laura Margheri, Livio Stefanelli, European Commission (DG CONNECT)</p>	<p>Dexterous Robotic Manipulation Systems for Clothing and Flexible materials</p>	<p>Societal Applications of Humanoid Robots Rodolphe Gelin, Petra Koudelkova, Amit Kumar Pandey, Rachid Alami</p>	<p>Town Hall Meeting on Research Replication, Evaluation and TRLs Fabio Bonsignorio</p>
18:00 - 18:30	<p>Entrepreneur talk Renaud Champion, Geoff Pegman</p>					
18:30 - Social Dinner and Award Ceremony						

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DAY 3 – 14.03.2014

Time	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
8:00	Registration					
08:30 - 10:30	MAR update draft David Bisset, Herman Bruyninckx	Robot Companions for Assisted Living Topic Group Paolo Dario	Robotics Innovation Facilities (RIFs) in ECHORD++ Reinhard Lafrenz, Marie-Luise Neitz, Sebastian Weisenburger Farid Dailami	State of the art from FP7 projects and their relation to Horizon 2020, and the euRobotics Topic Groups Farshid Amirabdollahian, Filippo Cavallo, Christophe Leroux, Paolo Fiorini	Hybrid Production Systems Martijn Wisse, George Michalos, Ramez Awad	Natural Interaction with Social Robots Kerstin Dautenhahn, Mohamed Chetouani, Vanessa Evers
10:30 - 11:00	Coffee Break					
11:00 - 12:30	Session on new application domains (2 Talks) 11:00-11:45 Maintenance and Inspection: New Robotic Applications in the Energy Industry Ekkehard Zwicker 11:45-12:30 Mission Possible – Robots for Space Thomas Vögele	Robot Companions for Assisted Living Topic Group Paolo Dario	Young Roboticists toward H2020 Laura Margheri, Cécile Huet, Paolo Fiorini, Paolo Dario	Topic Group on Education and Training John Hallam, Johan Philips	Perception and Cognitive Abilities for Disaster Management Robots Achim Lilienthal Bernardo Wagner Stefan Lang	Natural Interaction with Social Robots Kerstin Dautenhahn, Mohamed Chetouani, Vanessa Evers
12:30 - 13:30	Lunch break		Young Roboticists Lunch			
13:30 - 14:00	Plenary					
14:00 - 16:00	Advanced Robotics for Industrial Logistics Lorenzo Sabattini, Cristian Secchi, Cesare Fantuzzi, Kay Fuerstenberg			Topic Group on Education and Training John Hallam, Johan Philips		
16:00	END					