

DAY 1 - 05.03.2012

	Track 1	Track 2	Track 3	Track 4	Track 5
08.00					
08.30	<p><u>Danish Strongholds in Robotics</u> ORG: Bjarke Nielsen SPEAKERS: Bjarke Nielsen, Kurt Nielsen, Mette Strömgaard Dalby, Thomas Bak, Lars Dyhr, Ole Ravn</p>	<p>your workshop</p>	<p>your workshop</p>	<p>EUROP Bo S Meeting (Internal meeting!)</p>	<p><u>Entrepreneurship Workshop: PART 1 - Entrepreneurial coaching session (Only for Entrepreneurs Teams)</u> ORG: J. A. Ibarbia (Tecnalia), T. Zimmerman (GPS), G. Pegman (R U Robots)</p>
10:30 - 11:00	Coffee Break				
11.00	Official Opening				
12.00	The European Robotics Community				
	<p>euRobotics / EURON / EUROP R. Bischoff (EUROP), H. Bruyninckx (EURON) • News & activities • Way of EURON / EUROP towards Horizon 2020 (Discussion & group work)</p>				
12:30 - 13:30	Lunch Break				
13.30	EC Forum Khalil Rouhana				
14.15	Introduction to Horizon 2020 group work			<u>Developments and Trends in Navigation Assistance</u>	<u>EURON Good Experimental Methodology and Benchmarking: past, ongoing and future activities</u>
14.30	The European Robotics Industry – Towards new Horizons			<p>ORG: Joris De Schutter, David Abbink, Boris Lau SPEAKERS: to be announced</p>	<p>ORG: Fabio P. Bonsignorio (University Carlos III), Angel P. Del Pobil (University Jaume I), John Hallam (SDU) SPEAKERS:</p>
	<p>Industrial Robotics R. Bischoff, C. Apneseth Expected results: Input for Horizon 2020 • technical topics • non-technical requirements for innovation</p>	<p>Service Robotics N. Tomatis (Bluebotics) C. Leroux (CEA List) Expected results: Input for Horizon 2020 • technical topics • non-techn. requirements for innovation</p>	<p>Space / Security Robotics F. Fusco (Selex Galileo) R. Labruto (Alenia) Expected results: Input for Horizon 2020 • technical topics • non-techn. requirements for innovation</p>		
16:00 - 16:30	Coffee Break				
16.30	<p><u>Agricultural Robotics - User-Biology-Robotics integration</u> ORG: Bent S. Bennedsen, Keld K. Bertelsen SPEAKERS: Barnabas Wetton, Simon Blackmore Harper, Keld Kærhus Bertelsen</p>	<p><u>Challenges in Industrial robotics: real problems / current approaches?</u> ORG: Martin Hägele (Fraunhofer IPA) SPEAKERS: M. Hägele (IPA), P. Schlaich (Bosch), K. Nilsson (Lunds Uni), C. Risager (DTI), N.N. KUKA ?</p>	<p><u>Promoting European Robotics – Plans and Projects</u> ORG: B. Siciliano (UNINA), F. Khatami & E. Schreder (EUnited Robotics) SPEAKERS: B. Siciliano, F. Operto (School of Robotics.), F. Khatami & E. Schreder, S. Stramigioli and D. Kranenburg (University of Twente)</p>	<p><u>EL S1 - Robotics facing Law. The RoboLaw Kick-off Meeting (Public)</u> ORG: Pericle Salvini, Erica Palmerini SPEAKERS: F. Battaglia, B. Juretzki, D. Lagiou, R. Leenes, E. Palmerini, A. Pirni, P. Salvini, K. Warwick</p>	<p><u>Entrepreneurship Workshop: PART 2 - Teams presentation and judging session (Public)</u> ORG: Geoff Pegman, Thilo Zimmermann, Jon Agirre</p>
18.00	Conclusion on Horizon 2020 Workshops				
18:30	R. Bischoff (EUROP), H. Bruyninckx (EURON)				
19:30	Reception at Odense City Hall				

	Track 1	Track 2	Track 3	Track 4	Track 5	Track 6
08.00			ELS2 - Robotics facing Law: the EU funded projects RoboLaw and euRobotics Green Paper on Robotics and Law ORG: Christophe Leroux, Roberto Labruto SPEAKERS: Eric Hilgendorf (tbc), Amedeo Santosuosso (tbc)			
08.30	From Grippers to Hands – the present and future of adv. robotic manipulators ORG: R. Walker (Shadow Robot Company), A. H. Lyder (DTI) SPEAKERS: Rich Walker, Tomas Berg, Bo Geneffe, Alexander Hildebrandt	Robots in healthcare and welfare PART 1 Assisting elderly and impaired persons in daily living activities ORG: Birgit Graf (IPA), Lykke Brogaard Bertel (DTI) SPEAKERS: G. J. Gelderblom (Zuyd University), M. Mast (Stuttgart Media University), A. Renteria, L. Martinez, A. Remazeilles, J.F.Veneman (TECNALIA), A. Bley (MetraLabs GmbH), F. Wallhoff (Jade Hochschule), E. Lucet (Robosoft), F. Boucher (Kinova), F. Pecora, A. Saffiotti (Orebro University)		OROCOS1 - Intro to state charts & reusable, modular task spec, through Orocos eco-system ORG: W. Decré (KU Leuven), P. Soetens (Intermodalics) SPEAKERS: D. Vanthienen (KUL), S. Bellens (KUL), T. D. Laet (KUL), W. Decré, M. Klotzbücher (KUL), P. Soetens	ECHORD Workshop: Best Practice for Knowledge Transfer and Industry-Academia Collaboration in European Robotics ORG: Reinhard Lafrenz, Florian Röhrbein (TUM) SPEAKERS:	EURO SURGE: Roadmap towards European Network of Surgical Robotics laboratories ORG: P. Fiorini, G. Ferrigno, J. Raczkowski, A. Casals SPEAKERS: P. Fiorini, G. Ferrigno, J. Raczkowski, A. Casals [Timetable]
10:30 - 11:00 Coffee Break						
11.00	(Continued) From Grippers to Hands – the present and future of adv. robotic manipulators SPEAKERS: Rick Walker, Norman Hendrich	Robots in healthcare and welfare PART 2 Assisting health care staff in hospitals and residential care facilities ORG: Ali Gurcan Ozkil (DTU), Steen Dawids (DTU) SPEAKERS: S. Dawids (Bispebjerg Hospital), A. Ozkil (Technical University of Denmark), B. Graf (Fraunhofer IPA), H. Lund (Technical University of Denmark), E. I. Barakova, J. Gillen, H. Nijmeijer, L. Feijs, P. Markopoulos (Eindhoven University of Technology), B. Huskens (Dr. Leo Kannerhuis) T. Lourens (TIVPE)	Safe Human Robot Interaction with Industrial and Service Robots ORG: Theo Jacobs (IPA) SPEAKERS: Susanne Oberer-Treitz (IPA), Sami Haddadin (DLR), Technical Expert (tbd), Additional speaker(s) (tbd)	OROCOS2 - Hands-on: getting started with state charts in the Orocos eco-system ORG: Wilm Decré (KU Leuven), Peter Soetens (Intermodalics) SPEAKERS: to be announced	ECHORD Workshop: Best Practice for Knowledge Transfer and Industry-Academia Collaboration in European Robotics Reinhard Lafrenz, Florian Röhrbein (TUM) SPEAKERS:	EURO SURGE: Roadmap towards European Network of Surgical Robotics laboratories ORG: P. Fiorini, G. Ferrigno, J. Raczkowski, A. Casals SPEAKERS: P. Fiorini, G. Ferrigno, J. Raczkowski, A. Casals
12:30 - 13:30 Lunch Break						
13.30	Georges Giralt PhD Award H. Bruyninckx & committee	Social Robots and Social Pedagogical Approaches ORG: L. Gaedt (DTI), B. Klein (FH FFM) SPEAKERS: L. Gaedt, G. Cook (Northumbria Uni), G. J. Gelderblom (Zuyd Uni), W. Moyle (Griffith Uni Australia), A. Rigaud (Hospital Broca), S. von Rump (GIRAFF), A. Wagner, B. Robins	Robotic Systems as Educational Tools ORG: Celestino Alvarez, Lykke Brogaard Bertel SPEAKERS:	OROCOS3 - Hands-on: getting started with instantaneous motion spec. using constr. (iTaSC): reusable and modular task spec. ORG: W. Decré (KU Leuven), P. Soetens (Intermodalics) SPEAKERS: D. Vanthienen (KUL), S. Bellens (KUL), T. D. Laet (KUL), W. Decré, M. Klotzbücher (KUL), P. Soetens	Emerging topics in Robotics and Micro/Nano Robotics: from science based research to high impact applications ORG: Paolo Dario SPEAKERS: P. Dario (SSSA), S. Regnier (Uni Pierre et Marie Curie), A. Gribovskiy (MOBOTS/EPFL), C. Melhuish (BRL), A. Albu-Schaeffer (DLR), E. Meister (Uni Stuttgart), C. Stefanini (SSSA)	Robot Co-Workers in Manufacturing Environments ORG: A. Pichler (PROFACTOR), M. Rooker (PROFACTOR), F. Wallhoff (Jade HS) SPEAKERS: P. Ferrara (Ferrobotics), A. Pichler, F. Wallhoff, J. R. Hopgood (Uni Edinburgh), N. Robertson (Heriot Watt Uni)
14.30	Invited Talk: Manufacturing Robotics					
15:00 - 15:30 Coffee Break						
15.30	Invited Talk: Agricultural Robotics	Social Robots and Social Pedagogical Approaches ORG: L. Gaedt (DTI), B. Klein (FH FFM) SPEAKERS: L. Gaedt, G. Cook (Northumbria Uni), G. J. Gelderblom (Zuyd Uni), W. Moyle (Griffith Uni Australia), A. Rigaud (Hospital Broca), S. von Rump (GIRAFF), A. Wagner, B. Robins	Educational Robotics for tomorrow's roboticists and forthcoming non roboticists users of service robots ORG: E. Micheli, P. Fiorini, B. Siciliano SPEAKERS: E. Micheli, P. Fiorini, B. Siciliano, R. Gelin, G. Veruggio, D. Cuartielles, KUKA (tbc), Niccolò Casiddu (tbc)	PROTEUS (Robotic Platform for modeling and transformation) ORG: C. Novales, B. Patin SPEAKERS: B. Patin, S. Dhoub, S. Stinckwich, Clement Fouque, C. Novales	Emerging topics in Robotics and Micro/Nano Robotics: from science based research to high impact applications ORG: Paolo Dario SPEAKERS: P. Dario (SSSA), S. Regnier (Uni Pierre et Marie Curie), A. Gribovskiy (MOBOTS/EPFL), C. Melhuish (BRL), A. Albu-Schaeffer (DLR), E. Meister (Uni Stuttgart), C. Stefanini (SSSA)	Rational Design of Robotic Systems: where do we go from here? ORG: L. Dalgaard (DTI), J. Hallam (SDU), D. Bisset (iTechnicLtd), B. Wetton (KDS) SPEAKERS: L. Dalgaard, J. Hallam, D. Bisset, B. Wetton
16.00	euRobotics Technology Transfer Award					
18.00	Presentation of finalists Martin Hägele					
19:30 - Social Program with Award Ceremony						

DAY 3 - 07.03.2012

	Track 1	Track 2	Track 3	Track 4	Track 5
08.00					
08.30	<p><u>The FET-Flagship Candidate Robot Companions for Citizens</u> ORG: Paolo Dario SPEAKERS: Paolo Dario, Members of CA-RoboCom EB, Representatives from Robotics networks and associations, Established and potential partners</p>	<p>Unique - user driven methods in developing new robotic technologies for the chronically ill ORG: to be announced SPEAKERS: to be announced</p>	<p><u>Models and Languages in Robotics for Academia and Industry</u> ORG: Hugo Garcia, Nico Hochgeschwender SPEAKERS: to be announced</p>	<p><u>Aerial robots physically interacting with the environment.</u> ORG: Anibal Ollero, Lorenzo Marconi SPEAKERS: K. Kondak, L. Marconi, A. Ollero, S. Stramigioli, B. Siciliano, Guillermo Heredia</p>	<p><u>Going hands-on with the MORSE simulator</u> ORG: S. Lacroix (LAAS), G. Echeverria (LAAS), S. Lemaignan (LAAS), A. Degroote (LAAS), R. Alami (LAAS) SPEAKERS: G. Echeverria, S. Lemaignan, A. Degroote</p>
10:30 - 11:00	Coffee Break				
11.00	<p><u>The FET-Flagship Candidate Robot Companions for Citizens</u> ORG: Paolo Dario SPEAKERS: Paolo Dario, Members of CA-RoboCom EB, Representatives from Robotics networks and associations, Established and potential partners</p>	<p><u>Cognitive Vision in Object Manipulation and Grasping</u> ORG: N. Kruger & H. G. Petersen (SDU), R. Dillmann & T. Asfour (Uni Karlsruhe), c. D. Kragic (KTH Stockholm), d. M. Vincze & M. Zillich (Tech Uni Vienna) SPEAKERS: to be announced</p>	<p><u>Models and Languages in Robotics for Academia and Industry</u> ORG: Hugo Garcia, Nico Hochgeschwender SPEAKERS: to be announced</p>	<p><u>Innovative Applications in Security and Space Robotics</u> ORG: Flavio Fusco (SELEX Galileo), Roberto Labruto (AleniaAermacchi) SPEAKERS: J. A. Esclusa (DLR), T. Vögele (DFKI/RIC), R. Labruto, M. Woods (ScySys), P. Vilella (Centro Gustavo Stefanini), E. Silva (ISEP)</p>	<p><u>Going hands-on with the MORSE simulator</u></p>
12:30 - 13:30	Lunch Break				
13.30	<p><u>Robotics and Cognition</u> ORG: M. Vincze, V. Mueller, E. Schreder (tentative) - R. Gelin, EU relations, Aldebaran, N. Tomatis, CEO, BlueBotics, V. Mueller, Coordinator euCogIII, Anatolia College SPEAKERS: [3] to be announced</p>	<p><u>Vision-based Safety for Mobile Robots</u> ORG: M. Nielsen (DTI), G. Reina (Uni Salento) SPEAKERS: A. J. Lilienthal (Örebro Uni), M. Nielsen (DTI).</p>	<p><u>Intelligent Robots for Manipulation of Flexible Obj.</u> ORG: Knud Aulkær Andersen SPEAKERS: K. A. Andersen (DTI), R. Koch & A. Jordt (Uni Kiel), N. Krüger, H. G. Petersen & L. Bodenhagen (SDU), M. Willatzen & A. R. Fugl (SDU)</p>	<p><u>Wire-driven parallel robots</u> ORG: T. Bruckmann (Duisburg-Essen Uni), Jean-Pierre Merlet (INRIA Sophia-Antipolis), A. Pott (IPA) SPEAKERS: T. Bruckmann, J. Merlet, A. Pott, M. Cecarelli (tbc)</p>	<p>your workshop</p>
15:30 - End					