



EUROPEAN ROBOTICS FORUM

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EVENT PROGRAMME

3 - 5 March 2020

Malaga - Spain

**Disclaimer: This is the first version of the program,
some session could change!**

Version 2019-11-07

www.erf2020.eu

2 March	euRobotics General Assembly (members only, different location)								
3 March									
08:30 - 10:00	Roadmapping	DIHs, H2020, FSTP	Education	Tech update	Tech update	Tech update	Tech update	Awards	
	Robotics research vision 15y	Bridging the technology gaps - the TRINITY DIH for Agile Production	Examples of good practices in Robotics Education	Field Robotics - Daring to work outside the lab	Cloud robotics: Prospects and future needs	Bringing wearable robots to the field	State of the Art developments in Humanoid Service Robots	ERF Entrepreneurship Award	
	Stefano Stramigioli	Jyrki Latokartano	Ana-Maria Stancu	George Nikolakopoulos	Sascha Griffiths	Shirley Elprama	Francesco Ferro	Oliver Pedersen	
10:00 - 10:45	Coffee break								
10:45 - 12:15	OFFICIAL OPENING								
12:15 - 14:00	Lunch break								
14:00- 15:30	Robotics and AI	DIHs, H2020, FSTP	ELSE	Space	Tech update	Awards	Tech update	Awards	
	HLG session	DIH-HERO First results and future prospects	Integrating Cobots in Complex Organizational Settings	Space: the next flexible assembly line	Cybersecurity in robotics	PhD Award	Aerial Intelligent Robotics for Inspection and Maintenance-Part 1	ERF Entrepreneurship Award	
	Raja Chatilla	Stefano Stramigioli	Ruthanne Huising	Gianfranco Visentin	Gil-Uriarte Endika	Gianluca Antonelli	Anibal Ollero	Oliver Pedersen	
15:30 -16:15	Coffee break								
16:15 - 17:45	Robotics and AI	Awards	Standardisation	Space	Tech update	Robotics in lighthouse areas	Tech update	Awards	
	AI and Robotics: the challenge of complex learning and planning	TechTransfer Award	TG Standardisation meeting	Workshop: terrestrial synergies with space robotics in Horizon Europe	Cybersecurity for Robotics II	Industry 4.0: Past, Present, Future	Aerial Intelligent Robotics for Inspection and Maintenance-Part 2	ERF Entrepreneurship Award	
	Andrea Orlandini	Werner Kraus	Dimitris Chrysostomou	Daniel Noelke	Ulrich Seldeslachts	Michiel van Osch	Anibal Ollero	Oliver Pedersen	
Evening	WELCOME RECEPTION								

4 March									
08:30 - 10:00	Robotics and AI	DIHs, H2020, FSTP	Safety	Innovation	Tech update	Awards	Tech update	DIHs, H2020, FSTP	
	Human-Robot Collaboration & AI for industrial applications	H2020 new projects	COVR - Supporting safety validation of collaborative robotics	Funding Robotics for Extreme Environments: A UK Perspective	Blockchain, Web 3.0 and 'Future Internet' applications in Robotics	ERF Entrepreneurship Award	Robotics for Logistic and Transport - Recent Advances	IDEAL-IST stage 1 proposal-checks	
	Sharath Chandra Akkaladevi	Cécile Huet	Jose Saenz	Simon Watson	Fabio Bonsignorio	Oliver Pedersen	Martin Magnusson	Francesco Kienzle	
10:00 - 10:45	Coffee break								
10:45 - 12:15	Robotics and AI	DIHs, H2020, FSTP	Safety	Innovation	Robotics in lighthouse areas	Tech update	Tech update	DIHs, H2020, FSTP	
	How AI is transforming Social Robotics	Success stories	Safety of mobile robot swarms - Challenges beyond single vehicles	5R: Cervera Network in robotic technologies for manufacturing	Inspection and maintenance robotics: Learning across industries	Telerobotics: What's going on now? and future roadmap (slot 1).	Robotics for Logistic and Transport - European Projects	IDEAL-IST stage 1 proposal-checks	
	Sarah Terreri	Cécile Huet	Magnus Albert	Iñaki Maurtua	Aksel Transeth	Manuel Ferre	Martin Magnusson	Francesco Kienzle	
12:15 - 14:00	Lunch break								
13:15 - 14:00	TG leader meeting (restricted)								
14:00- 15:30	Robotics and AI	DIHs, H2020, FSTP	Safety	Robotics in lighthouse areas	Robotics in lighthouse areas	Tech update	Tech update	DIHs, H2020, FSTP	
	Trusworthy Robotics - Safety, Credibility, Explainability	Robotics Research Infrastructures	Assuring Safety for Assistive Robots in Health and Social Care	3rd Workshop on Modular Concepts for Assembly and Handling	7th Workshop on Hybrid Production Systems - Part 1	Telerobotics: What's going on now? and future roadmap (slot 2)	Construction Robotics and the Transformation of Construction	IDEAL-IST stage 1 proposal-checks	
	Horst Pichler	Alberto Sanfeliu	Praminda Caleb-Solly	Andreas Bihlmaier	Sotiris Makris	Manuel Ferre	Sigrud Brell-Cokcan	Francesco Kienzle	
15:30 - 16:15	Coffee break								
16:15 - 17:45	Robotics and AI	DIHs, H2020, FSTP	ELSE	Robotics in lighthouse areas	Robotics in lighthouse areas	Tech update	Tech update	DIHs, H2020, FSTP	
	AI PPP alignment	Supporting SMEs via FSTP under Horizon 2020	The Regulation of Robotics in Europe: Policies in the making	Robotics for Infrastructure Construction and Maintenance	7th Workshop on Hybrid Production Systems - Part 2	Overcoming the boundaries of today's Robotics Software Engineering	AppliedAI in Agile Production	IDEAL-IST stage 1 proposal-checks	
	Thomas Hahn	Anna Donato	Andrea Bertolini	Rauno Heikkilä	Sotiris Makris	Anna Principato	Michael Suppa	Francesco Kienzle	
Evening	BANQUET AND AWARD CEREMONY								

