

EUROPEAN ROBOTICS FORUM

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EVENT PROGRAMME

20 - 22 March 2019

Bucharest - Romania

www.erf2019.eu

19 March	euRobotics General Assembly (members only, different location)							
15:00 - 19:00								

20 March	 UNIVERSAL ROBOTS	 KUKA	 BOSCH	 ABB	 SCHUNK	 THARSUS	Brasov	Iasi
	Salon D	Salon C	Salon B	Salon A	Braila	Galati		
08:30 - 10:00	H2020 and DIHs		Robotics and AI	Tech updates	Tech updates	Tech updates	Awards	
	From Technology Transfer Initiatives To Digital Innovation Hubs		Creating an intelligent robotic manipulation pipeline	Robotics for Logistic and Transport	Collaborative robots for industrial and professional service tasks	Miniaturised robotics for biomedical applications	Pitch Entrepreneurship workshop and Prize	
	Jon Agirre Ibarbia		Anastasios Zompas	Jesus Alfonso	Franziska Kirstein	Nicolas Andreff	Troels Oliver Vilms Pedersen	
10:00 - 10:45	Coffee break							
10:45 - 12:15	OFFICIAL OPENING							
12:15 - 14:00	Lunch break							
14:00 - 15:30	Robotics in Lighthouse areas		Robotics in Lighthouse areas	Tech updates	cross-PPP	ELSE	Awards	
	Inspection & maintenance - Robots in action and new possibilities		Agricultural robots: from the lab to the market	2nd Workshop on Modular Concepts for Assembly and Handling	Big Data and Robotics - new perspectives for collaboration	Ethics & Corporate Social Responsibility for Inclusive Robotics	Pitch Entrepreneurship workshop and Prize	
	Aksel Transeth		Frédéric Colledani	Andreas Bihlmaier	Ana Garcia	Vincent C. Müller	Troels Oliver Vilms Pedersen	
15:30 - 16:15	Coffee break							
16:15 - 17:45	Robotics in Lighthouse areas		Robotics in Lighthouse areas	Awards	Tech updates	Robotics and the world		H2020 and DIHs
	Robotics, Digitalization and Security - TRINITY DIH Agile Production		DIH-HERO	Pitch Entrepreneurship workshop and Prize	Reproducible Robotics 10 years later	Paving the way to culturally-aware robots		Space PSA and euRobotics (restricted)
	Roel Pieters		Stefano Stramigioli	Troels Oliver Vilms Pedersen	Fabio Bonsignorio	Antonio Sgorbissa		Daniel Noelke
19:00	WELCOME RECEPTION at the Palace of the Patriarchate (Palatul Patriarhiei)							

21 March	UNIVERSAL ROBOTS	KUKA	BOSCH	ABB	SCHUNK	THARSUS	Brasov	Iasi
	Salon D	Salon C	Salon B	Salon A	Braila	Galati		
08:30 - 10:00	Tech updates	Robotics and AI	Tech updates	Awards	Tech updates	Robotics and the world		
	Topic Group Industrial Robotics - Industrial Challenges and Needs	Robotics and AI - the European Way	Moving Wearable Robots from the Lab to Industrial and Medical Applications	PhD Award pitching session	Machine Intelligence for Automation within Operating Rooms	Fostering robotics through competitions. Past, present and future - 1		
	José Saenz	Patrick Gatallier	Catherine Bidard	Gianluca Antonelli	Riccardo Muradore	Gabriele Ferri		
10:00 - 10:45	Coffee break							
10:45 - 12:15	Tech updates	Robotics in Lighthouse areas	Tech updates	Awards	Education	Innovation Strategy	New workshops	
	6th Workshop on Hybrid Production Systems - Part 1	Aerial Robotics Tech&Applications with the new European UAS regulation	World perception for autonomous applications in Agile Production	The 2019 euRobotics Technology Transfer Award	Educating the next generation in robotics - filling the pipeline	Sustainable Public Policies for Innovation and the Future of Work	Innovative Robots for Automotive End-users	
	Sotiris Makris	Anibal Ollero	Michael Suppa	Martin Haegele	Gerald Steinbauer	María Amparo Grau Ruiz	Gloria Pellischek	
12:15- 14:00	Lunch break							
14:00 - 15:30	Tech updates	Robotics and AI	Safety	Tech updates	Education	Innovation Strategy	New workshops	
	6th Workshop on Hybrid Production Systems - Part 2	Trustworthy Robots - Safety, Credibility, Explainability	COVR - Better ways for safety, certification and validation	Automation and Robotics for Terrestrial large Working Machinery	Educational Robotics Tools In Academia and Beyond	Partnerships between academia and companies in industrial robotics (focus Romania)	Cloud robotics: Deployment prospects and future needs	
	Sotiris Makris	Michael Hofbaur	Federico Vicentini	Juha Röning	Camila Shiota	Florin Adrian Nicolescu	Stratos Arampatzis	
15:30 - 16:15	Coffee break							
16:15 - 17:45	H2020 and DIHs	Robotics and AI	Safety	Tech updates	Tech updates	Innovation Strategy		
	Non-traditional funding opportunities - casecade funding /FSTP	AI, Planning and Robotics: Results and Future Challenges	Risk assessment and safety of mobile and collaborative robots	Marine Robotics and Field Applications in EU: witnesses and TG meeting	Space Robotics Meets Underground Robotics for large Working Machinery	Standardization in Robotics		
	Reinhard Lafrenz	Andrea Orlandini	Magnus Albert	David Scaradozzi	Juha Röning	Paolo Barattini		
19:00	GALA DINNER AND AWARDS CEREMONY at Le Chateau							

22 March	UNIVERSAL ROBOTS	KUKA	BOSCH	ABB	SCHUNK	THARSUS	Brasov	Iasi
	Salon D	Salon C	Salon B	Salon A	Braila	Galati		
08:30 - 10:00	H2020 and DIHs	Tech updates	Safety	Robotics and the world	Tech updates	Robotics and the world		
	EC success stories	Open and sustainable robotics software ecosystems for Europe	Rethinking safety: from collision avoidance to collision management	Tools for collaborative learning with users and policymakers	Towards expendable robot teaming in extreme environments	Responsible Implementation of Service Robots		
	Cecile Huet	Susanne Bieller	Erwin Prassler	Cathrine Hasse	Mario Gianni	Johannes Mock		
10:00 - 10:45	Coffee break							
10:45 - 12:15	New Workshops	Tech updates	Safety	Tech updates	Tech updates	ELSE		
	Blockchain in Robotic Applications	TG Software&System Engineering Meeting	Provable Safety for Robots: Where are we? How far do we have to go?	Applications for Intelligent trenchless underground robotic systems	State of the Art in Humanoid Service Robots	End user needs of Social Robots: Ecosystem, Implications and Policies		
	Fabio Bonsignorio	Arne Nordmann	Geoff Pegman	Santiago Martinez de la Casa	Francesco Ferro	Amit Kumar Pandey		
12:15 - 13:15	Lunch break							
13:15 - 14:00	ERF2017 Feedback Session							
14:00 - 15:30	cross-PPP	Tech updates	Safety	Innovation Strategy	Tech updates	ELSE	Tech updates	
	Cybersecurity for Robotics	Robotic In-space Services for Protecting Space Ecosystem	Safety Engineering in Robotics Software and Programmable Electronics	The overlooked barrier - change management during robotization	Construction robotics (more info to come...)	Alternative approaches to liability in robotics	Robotic inspection, maintenance and operation in harsh environment	
	Ulrich Seldeslachts	Mini C. Saaj	Huascar Espinoza	Adam Schmidt	Sigrud Brell-Cokcan	Andrea Bertolini	Ladislav Vargovčik	
15:30 - 16:15	Coffee break							