

19:00



19 March									
15:00		euRobotics General Assembly (members only, different location)							
19:00									
20 March	UNIVERSAL ROBOTS	KUKA		ABB	SCHUNK	THARSUS	Brasov		
March	Salon D	Salon C	Salon B	Salon A	Braila	Galati			
	H2O2O and DIHs			Tech updates	Tech updates	Tech updates	Awards		
08:30 - 10:00	From Technology Transfer Initiatives To Digital Innovation Hubs			Robotics for Logistic and Transport	Collaborative robots for industrial and professional service tasks	Miniaturised robotics for biomedical applications	Pitch Entrepreneurship workshop and award (restricted)		
	Jon Agirre Ibarbia			Jesus Alfonso	Franziska Kirstein	Nicolas Andreff	Troels Oliver Vilms Pedersen		
10:00-1 0:45	Coffee break								
10:45 -12:15	OFFICIAL OPENING								
12:15- 14:00		Lunch break							
	Robotics in Lighthouse areas		Robotics in Lighthouse areas	Tech updates	cross-PPP	ELSE	Awards		
14:00- 15:30	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 award (restricted)		
	Aksel Transeth		Frédéric Colledani	Andreas Bihlmaier	Ana Garcia	Vincent C. Müller	Troels Oliver Vilms Pedersen		
15:30-1 6:15	Coffee break								
	Robotics in Lighthouse areas		Robotics in Lighthouse areas	Awards	Tech updates	Robotics and the world			
16:15 - 17:45	Robotics, Digitalization and Security -TRINITY DIH Agile Production		DIH-HERO	Pitch Entrepreneurship workshop and award	Reproducible Robotics 10 years later	Paving the way to culturally-aware robots			
	Roel F	Pieters	Stefano Stramigioli	Troels Oliver Vilms Pedersen	Fabio Bonsignorio	Antonio Sgorbissa			

WELCOME RECEPTION at the Palace of the Patriarchate (Palatul Patriarhiei)

Programme | 21 March 2019

21 March	UNIVERSAL ROBOTS	KUKA	(BOSCH	ABB	SCHUNK 5	THARSUS	Brasov
	Salon D	Salon C	Salon B	Salon A	Braila	Galati	
	Tech updates	Robotics and Al	Tech updates	Awards	Tech updates	Robotics and the world	
08:30 10:00	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 Gatellier	Catherine Bidard	Gianluca Antonelli	Riccardo Muradore	Gabriele Ferri	
10:00-1 0:45	Coffee break						
	Tech updates	Robotics in Lighthouse areas	Tech updates	Awards	Education	Innovation Strategy	New workshops
10:45 - 12:15	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			
	Tech updates	Robotics and Al	Safety	Tech updates	Education	Innovation Strategy	New workshops
14:00- 15:30	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 Shirota	Florin Adrian Nicolescu	Stratos Arampatzis
15:30 -16:15				Coffee break			
	H2020 and DIHs	Robotics and AI	Safety	Tech updates	Tech updates	Innovation Strategy	
16:15 - 17:45	Non-traditional funding opportunities - casecade funding /FSTP	Al, 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	(ii) BOSCH	ABB	SCHUNK 5	THARSUS	Brasov
	Salon D	Salon C	Salon B	Salon A	Braila	Galati	
08:30	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	
10:00-1 0:45				Coffee break			
	New Workshops	Tech updates	Safety	Tech updates	Tech updates	ELSE	
10:45 - 12:15	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	ERF2019 Feedback Session						
14:00- 15:30	cross-PPP	Tech updates	Safety	Innovation Strategy	Tech updates	ELSE	Tech updates
	Cybersecurity for Robotcs	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	Sigrid Brell-Cokcan	Andrea Bertolini	Ladislav Vargovčík
15:30 -16:15				Coffee break			