

ERF2021 Virtual - Detailed program

Day 1 – 13 April

DRAFT: All sessions can still be moved to another timeslot to optimise the schedule							
		<i>Room 1</i>	<i>Room 2</i>	<i>Room3</i>	<i>Room 4</i>	<i>Room 5</i>	<i>Room 6</i>
	13 april						
Time / Track		Mechatronics and Manipulation	Systems and SW	FSTP / Brokerage /DIHs	Mechatronics and Manipulation	Maintenance and Inspection	#N/B
Subject	9:00 - 10:20	<i>Miniaturised Robotics Forum</i>	<i>Software Systems Engineering: Platform, Ecosystem, Perspective</i>	<i>WS slot reserved, more info soon</i>	<i>Cable-Driven Parallel Robots - New Developments and Applications</i>	<i>WS slot reserved, more info soon</i>	<i>#N/B</i>
Time / Track		Agile Production / Industry robotics	Agile Production / Industry robotics	FSTP / Brokerage /DIHs	Education	#N/B	#N/B
Subject	10:25 - 11:05	<i>The Role of Robot Companions in the New Paradigm of Industry 5.0</i>	<i>demonstration of affective manufacturing for increased performance</i>	<i>WS slot reserved, more info soon</i>	<i>Education WS 1</i>	<i>#N/B</i>	<i>#N/B</i>
	15 min	<i>Morning Break</i>	<i>Morning Break</i>	<i>Morning Break</i>	<i>Morning Break</i>	<i>Morning Break</i>	<i>Morning Break</i>
Time / Track		Agile Production / Industry robotics	Systems and SW	FSTP / Brokerage /DIHs	Mechatronics and Manipulation	Maintenance and Inspection	Healthcare
Subject	11:20 - 12:40	<i>8th Workshop on Hybrid Production Systems – Part 1</i>	<i>European Leadership in Open Source for Robotics and AI</i>	<i>WS slot reserved, more info soon</i>	<i>Soft objects robotic manipulation for the future of European factories</i>	<i>I&M robotics: Learning across industries from deployments</i>	<i>Robotics in healthcare: Future perspectives</i>
	40 min	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
Time / Track	13:20 - 14:00	Plenary session					
Subject							
Time / Track		Agile Production / Industry robotics	Systems and SW	Robotics and AI	Competitions and Benchmarking	Maintenance and Inspection	#N/B
Subject	14:05 - 15:25	<i>8th Workshop on Hybrid Production Systems – Part 2</i>	<i>WS slot reserved, more info soon</i>	<i>AI and Robotics: Intelligent, Learning and Trustworthy Robots</i>	<i>WS slot reserved, more info soon</i>	<i>WS slot reserved, more info soon</i>	<i>#N/B</i>
	15 min	<i>Afternoon Break</i>	<i>Afternoon Break</i>	<i>Afternoon Break</i>	<i>Afternoon Break</i>	<i>Afternoon Break</i>	<i>Afternoon Break</i>
Time / Track		Agile Production / Industry robotics	Systems and SW	EC project track	Competitions and Benchmarking	Smart cities or areas	Lab Tours
Subject	15:40 - 17:00	<i>TG-Industrial Robotics - Challenges and Needs</i>	<i>Software Engineering and Verification Techniques for Cobots</i>	<i>WS slot reserved, more info soon</i>	<i>WS slot reserved, more info soon</i>	<i>Robotics in Smart Cities</i>	<i>Impact aware manipulation - H2020 I.A.M. - live demo Innovation Lab</i>
	17:00 - 18:00	Social Program					

Please note that this is a preliminary program. The full program is still under review. Not all applications for workshops have been approved at this point, and all sessions can still be moved or changed to different timeslots to optimize the schedule. No rights whatsoever can be derived from this schedule.

ERF2021 Virtual - Detailed program

Day 2 – 14 April

<u>DRAFT: All sessions can still be moved to another timeslot to optimise the schedule</u>							
		<i>Room 1</i>	<i>Room 2</i>	<i>Room3</i>	<i>Room 4</i>	<i>Room 5</i>	<i>Room 6</i>
	14 april						
Time / Track		Awards	Robotics and AI	FSTP / Brokerage /DIHs	Competitions and Benchmarking	Logistics and Transport	#N/B
Subject	9:00 - 10:20	George Giralt PhD Award presentations	Human-Robot Collaboration & AI for Sustainable Production	WS slot reserved, more info soon	What does the robotics community expect and need from Benchmarking?	Robotics challenges in novel aerial transportation services	#N/B
Time / Track		Agile Production / Industry robotics	#N/B	EC project track	#N/B	Education	#N/B
Subject	10:25 - 11:05	Accelerating productivity with robotics - RAMP.eu	#N/B	WS slot reserved, more info soon	#N/B	Education WS 2	#N/B
	15 min	Morning break	Morning break	Morning break	Morning break	Morning break	Morning break
Time / Track		Awards	Robotics and AI? Or Safety, Field Robotics ..?	EC project track	Covid-19 response	Maintenance and Inspection	#N/B
Subject	11:20 - 12:40	Entrepreneurship award presentations	WS slot reserved, more info soon	WS slot reserved, more info soon	How robots adapt to changing scenarios: pandemic situations and beyond	WS slot reserved, more info soon	#N/B
	40 min	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
Time / Track		Plenary session					
Subject	13:20 - 14:00						
Time / Track		Awards	Robotics and AI	Agri-food	Covid-19 response	Innovation environments	#N/B
Subject	14:05 - 15:25	TechTransfer Award presentations	Towards applied AI in agile production, logistics, and lab automation	AI and robotics in agri-food: the present and the future	Socially Useful Robots in the era of social distancing and new normal	Putting robotics co-creation into practice	#N/B
	15 min	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break
Time / Track		#N/B	Smart cities or areas	#N/B	Covid-19 response	#N/B	#N/B
Subject	15:40 - 16:20	#N/B	Robotics and AI for Rural Development	#N/B	Robotics in the lab during the pandemic and beyond	#N/B	#N/B
	16:25 - 16:55	Award ceremony					
	17:00 - 17:45	Charity run					

Please note that this is a preliminary program. The full program is still under review. Not all applications for workshops have been approved at this point, and all sessions can still be moved or changed to different timeslots to optimize the schedule. No rights whatsoever can be derived from this schedule.

ERF2021 Virtual - Detailed program

Day 3 – 15 April

<u>DRAFT: All sessions can still be moved to another timeslot to optimise the schedule</u>							
		<i>Room 1</i>	<i>Room 2</i>	<i>Room3</i>	<i>Room 4</i>	<i>Room 5</i>	<i>Room 6</i>
	15 april						
Time / Track		Safety	Robotics and AI	Agri-food	specific environments	EC project track	#N/B
Subject	9:00 - 10:20	COVR - Building consensus for cobot safety	Blockchain in Robotics and AI	Challenges in automated food processing	Marine Robotics: challenges and opportunities and TG meeting	Information about upcoming FSTP funding and Brokerage	#N/B
Time / Track		Agile Production / Industry robotics	Safety	Robotics and AI	specific environments	FSTP / Brokerage / DIHs	#N/B
Subject	10:25 - 11:05	New Robotic Solutions for Manufacturing Industry	Trustworthy Robots – Safety, Credibility, Explainability	Resilient Field Robotics	Cross Fertilisation of Nuclear and other Harsh Environment Robotics	WS slot reserved, more info soon	#N/B
	15 min	Morning Break	Morning Break	Morning Break	Morning Break	Morning Break	Morning Break
Time / Track		Safety	Telerobotics	Humanoid robots	specific environments	Space robotics	#N/B
Subject	11:20 - 12:40	Standards and safety	WS slot reserved, more info soon	Humanoid robots today and tomorrow	Robot technologies for monitoring of radiological threats	SPACE Robotics - Challenges and Opportunities	#N/B
	40 min	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
Time / Track		<u>Plenary session</u>					
Subject	13:20 - 14:00						
Time / Track		Safety	Cybersecurity	Agri-food	Logistics and Transport	Lab Tours	#N/B
Subject	14:05 - 15:25	TG - Safety - Needs and Challenges for Assuring the Safety of AI	WS slot reserved, more info soon	WS slot reserved, more info soon	Robotics for logistics and transport	Tab Tour University of Twente	#N/B
	15 min	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break
Time / Track		Standardisation	FSTP / Brokerage / DIHs	Agri-food	Construction	Lab Tours	#N/B
Subject	15:40 - 17:00	LIAISON: Liaising robot development and policymaking	WS slot reserved, more info soon	Applying Information Modelling for Agriculture Robotics	WS slot reserved, more info soon	Virtual Tour at SDU Robotics	#N/B
	17:00 - 18:00	<u>Social program & farewell</u>					

Please note that this is a preliminary program. The full program is still under review. Not all applications for workshops have been approved at this point, and all sessions can still be moved or changed to different timeslots to optimize the schedule. No rights whatsoever can be derived from this schedule.