

# munich **I** Agenda - AI.Society Live Sessions

WEDNESDAY, 23 JUNE | Session Time in CET

START	END	TOPIC   PROJECT	CHAIR OF TECHNICAL UNIVERSITY OF MUNICH (TUM)   START-UP   PARTNER
		<b>Future of Health   Transition of Robotics and AI in Healthcare</b>	
10:00	10:20	Human Digital Twin and GARMI: Shaping the future of telemedicine @AI.Society	Munich School of Robotics and Machine Intelligence, TUM
		<b>Future of Mobility   Humanoid and Autonomous Robotics</b>	
10:30	10:50	LOLA – Electrically Actuated Humanoid Robot @AI.Society	Chair of Applied Mechanics, TUM
		<b>Future of Work   Learning and Control in Robotics and Automation, Human Robot Collaboration</b>	
11:00	11:20	KIVI - Condition Monitoring of Industrial Robots @AI.Society	Institute for Machine Tools and Industrial Management, TUM
11:30	11:50	External Stabilization of Robot Manipulators @AI.Society	Chair of Applied Mechanics, TUM
12:00	12:20	David - Robust Humanoid Robot, German Aerospace Center (DLR) @AI.Society	Institute of Robotics and Mechatronics, German Aerospace Center (DLR)
12:30	12:50	SAINT bin picking robot @AI.Society	Chair of Applied Mechanics and Chair of Astronautics, TUM
13:00	13:20	Collective Learning @AI.Society	Munich School of Robotics and Machine Intelligence, TUM
13:30	13:50	<b>LUNCH BREAK</b>	
		<b>Future of Health   Transition of Robotics and AI in Healthcare</b>	
14:00	14:20	Research insights in the field of knee injury prevention at SPGM @AI.Society	Associate Professorship of Sport Equipment and Sport Materials, TUM
14:30	14:50	Intelligent Robotic Sonographer @AI.Society	Chair for Computer Aided Medical Procedures and Augmented Reality, TUM
		<b>Work   From Science to Market Maturity - Future Solutions in Automation</b>	
15:00	15:20	How an Emelectronics Operating System speeds up your time to market @AI.Society	Luminovo, Start-up
15:30	15:50	Realtime 3D Perception for Autonomous Navigation and Manipulation @AI.Society	Pandia 3D, Start-up
16:00	16:20	Eyes and Brains for Your Robot @AI.Society	Roboception, Start-up
16:30	16:50	Visevi Robotics - Camera-based sensors and grasping @AI.Society	Visevi Robotics, Start-up
17:00	17:20	Live Demo @Franka Emika - enabling Automation for All @AI.Society	Franka Emika, Start-up
		<b>Future of Mobility   Humanoid and Autonomous Robotics</b>	
17:30	17:50	Motion Design for Human Aware Robots @AI.Society	Chair of Ergonomics, TUM

THURSDAY, 24 JUNE | Session Time in CET

START	END	TOPIC   PROJECT	CHAIR OF TECHNICAL UNIVERSITY OF MUNICH (TUM)   START-UP   PARTNER
		<b>Future of Work   Learning and Control in Robotics and Automation, Human Robot Collaboration</b>	
10:00	10:20	Soft Exoskeleton @AI.Society	Chair of Ergonomics, TUM
10:30	10:50	Future of Workshop @AI.Society	Munich School of Robotics and Machine Intelligence, TUM
		<b>Future of Health   Transition of Robotics and AI in Healthcare</b>	
11:00	11:20	Magic Mirror - Augmented Anatomy Learning@AI.Society	Chair of Computer Aided Medical Procedures and Augmented Reality, TUM
11:30	11:50	3D-printed Medical Robots and Assistance Systems @AI.Society	Institute of Micro Technology and Medical Device Technology, TUM
12:00	12:20	Lightweight Myoelectric Interface for Hand Prosthesis @AI.Society	Chair of Product Development and Lightweight Design, TUM
		<b>Future of Work   Intelligent Warehouse Logistics and Autonomous Robotics</b>	
12:30	12:50	future.meets.logistics. @AI.Society	Chair of Material Handling, Material Flow, Logistics, TUM
13:00	13:20	State-of-the-art intelligent robots for warehouse logistics @AI.Society	ILIAD EU-project   Örebro University SWE, University of Pisa ITA, Munich School of Robotics and Machine Intelligence, TUM