

People
matter



4 – 7 Nov. 2025

Düsseldorf

Germany



DAY 1, 5 NOVEMBER 2025 – CCD South

WearRAcon
EUROPE

5 – 6 NOVEMBER 2025 DURING A+A

DAY 1 — 5 NOVEMBER 2025 – CCD South			
Room 2, 1st floor		Room 01, ground floor	
9:00 – 9:30	Welcome Speech Dr. Christophe Maufroy and Dr. Urs Schneider, Fraunhofer IPA		
9:30 – 10:30	Keynote - Generalizable human-robot interfacing: towards bio-protective robotic technologies Prof. Massimo Sartori, University of Twente		
10:30 – 10:45	Coffee break		
10:45 – 12:00	Session A1 - Exoskeletons & Exosuits Technologies,	10 :45 – 11:45	Session A2 - Contributed Talks I
10:45 – 11:10	Characterizing the physical human-exoskeleton interaction Jonas Schiebl, Fraunhofer IPA	10:45 – 11:05	Acceptance, Acceptability, and Change Management Support Dr. Bérenger Le Tellier, Hapo
11:10 – 11:35	Design of active exoskeletons: lessons learned from over 10 years of research, development and assessment Prof. Tom Verstraten, Vrije Universiteit Brussel	11:05 – 11:25	Effects of Training and Familiarization on Occupational Exoskeleton Performance Annina Brunner, Auxivo AG
11:35 – 12:00	ExoLink: Event-Driven Adaptive Exoskeletons for Collaborative Industrial Tasks Dr. Nelson Enrique Bances Purizaca and Thomas Dobosz, University of Stuttgart	11:25 – 11:45	Mitigating Physiological Strain During Repetitive Lifting: Insights from a Lab-Based Evaluation of Passive Back Exoskeletons Johannes Voß, Leipzig University
12:00 – 13:00	Lunch break		
13:00 – 14:30	Session B1 - Exoskeleton Evaluation and Studies I		
13:00 – 13:20	Assessing the impact of exoskeletons for industrial applications Dr. Jesús Ortiz, Istituto Italiano di Tecnologia		
13:20 – 13:40	Evaluating Shoulder Exoskeletons in Aircraft Assembly: A Longitudinal Field Study on Biomechanical and Ergonomic Impacts Dr. Kai Heinrich, Institute for Occupational Safety and Health of the German Social Accident Insurance		
13:40 – 14:00	Exoskeleton Studies with Motion-Mining Dr. Rene Grzeszick, MotionMiners GmbH		
14:00 – 14:20	Evaluation of the physiological benefits of a passive soft back-support exoskeleton Prof. Olivier Lambercy, ETH Zurich		
14:20 – 14:30	Q&A		
14:30 – 14:45	Coffee break		
14:45 – 16:15	Session C1 - User Acceptance Factors	14:45 – 16:15	Basic Courses for Occupational Exoskeletons - Part I (in German)
14:45 – 15:05	Acceptance of Occupational Exoskeletons; The big challenge Israel A. Benavides Sosa, Ford Motor Company	14:45 – 16:15	Einsatz von Exoskeletten im beruflichen Kontext zur Prävention von Muskel-Skelett-Erkrankungen und -Beschwerden – Aktueller Stand der Wissenschaft und Aktualisierung der Exoskelett-Leitlinie
15:05 – 15:25	Towards a better understanding of exoskeleton acceptance Dr. Shirley Elprama, imec - SMIT - VUB/ FARI Brussels		
15:25 – 15:45	From Burden to Benefit: What Makes Exoskeletons Useful to Workers Dr. Sandra Maria Siedl, Johannes Kepler University Linz		
15:45 – 16:05	Designing Industrial Exoskeletons for Better User Acceptance Dr. Volker Bartenbach, Auxivo AG		
16:05 – 16:15	Q&A		
16:15 – 16:30	Coffee break		
16:30 – 18:00	Poster Session		

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DAY 2 — 6 NOVEMBER 2025 – CCD South

Room 2, 1st floor		Room 01, ground floor	
9:00 – 10:00	Keynote - Data-driven and digital ergonomics tools – Current trends and rationale for enhancing the understanding of pathogenic factors Urban Daub, Fraunhofer IPA		
10:00 – 10:15	Coffee break		
10:15 – 12:15	Session D1 - End Users Forum	10:45 – 12:15	Basic Courses for Occupational Exoskeletons - Part II (in German)
10:15 – 10:40	Exploring the Integration of Exoskeletons in Organizational Settings Marisol Barrero, Vibrantz Technologies	10:45 – 12:15	Experimentelle Methoden zur Evaluation von präventiven Exoskeletten Verena Kopp, Fraunhofer IPA
10:40 – 11:05	Field Evaluation of Industrial Wearable Exoskeletons Through Integrative Methods in Real-World Environments Dr. Sungwoo Park, Hyundai Motor Company		
11:05 – 11:30	Exoskeletons for people with severe disabilities Manja Ehmke, LVR and Frank Schrapper, LWL		
11:30 – 11:55	Strong Backs, Smart Tech – Exoskeletons in practical nursing training Katja Hertel and Marina Ebner, RoMed Hospital Rosenheim		
11:55 – 12:15	Exoskeletons in skilled trades in the German construction industry Felix Brandstaedt, BG BAU - Berufsgenossenschaft der Bauwirtschaft		
12:15 – 13:15	Lunch break		
13:15 – 14:30	Session E1 - Evaluation Methods, Standards and Guidelines	13:15 – 14:20	Session E2 - Contributed Talks II
13:15 – 13:40	ESO-EAWS 2.0 Certification: Integrating exoskeleton use into biomechanical risk assessment Dr. Mattia Antonelli, Fondazione ERGO-MTM Italia and Huan Xu, Politecnico di Milano	13:15 – 13:35	A novel autonomous torque-based mechanism synthesis method for exoskeleton robot Dr. Neunghwan Yim, Hyundai Motor Group
13:40 – 14:05	ASTM Standards at Work: How They're Powering the Exoskeleton Market Nora Nimmerichter and Sara Gobbi, ASTM International	13:35 – 13:55	Bridging the Interaction Gap: Developing Usable Human–Machine Interfaces for the Xotrunk Exoskeleton Dr. Olmo Alonso Moreno Franco, Istituto Italiano di Tecnologia
14:05 – 14:30	Exoskeletons as potential intervention for reducing physical demands and preventing musculoskeletal disorders in workers Dr. Tessa Luger, Institute of Occupational and Social Medicine and Health Services Research, University Hospital and University of Tübingen	13:55 – 14:20	Toward Effective Control Strategies for Powered Exoskeletons Dr. Mohamed Bouri, Ecole Polytechnique Fédérale de Lausanne
14:30 – 14:45	Coffee break		
14:45 – 16:15	Session F1 - Exoskeleton Evaluation and Studies II	14:45 – 16:15	Basic Courses for Occupational Exoskeletons - Part III (in German)
14:45 – 15:05	Insights from short- and long-term field studies of an upper-limb passive exoskeleton Dr. Simona Crea, Scuola Superiore Sant'Anna	14:45 – 16:15	Digitale Methoden zur Evaluation und Implementierung von präventiven Exoskeletten Dr. Mark Tröster, Fraunhofer IPA and University of Stuttgart
15:05 – 15:25	Exoskeletons in a Military Context Minke Geerts, TNO		
15:25 – 15:45	Exoskeletons in Construction: Validation in Relevant Environment Dr. Christian Di Natali, Istituto Italiano di Tecnologia		
15:45 – 16:05	The ROI Case: Unpacking the Latest Evidence on Exosuits Boosting Performance and Reducing Workplace Injuries Dr. Mark Harris, HeroWear		
16:05 – 16:15	Q&A		
16:15 – 16:30	Coffee break		
16:30 – 18:00	Visit Exo Park		