

Industry Programme – Advanced Industrial Robotics and Humanoids

Tuesday, March 25th

- 10:00 am Keynote Dr. Jörg Burzer (Mercedes-Benz)
- 2:00 pm WS#24 euRobotics Technology Transfer Award 2025
- 4:00 pm WS#54 AI-Based Industrial Robotics: Challenges and Use Cases in the RoX-Ecosystem

Wednesday, March 26th

- 8:30 am WS#27 Challenging Robotics/AI Use Cases by End-Users
- 11:10 am WS#10 12th Hybrid Production Systems Workshop - Entering the AI era in flexible production
- 2:00 pm WS#9 Additive Manufacturing in Robotics

Thursday, March 27th

- 8:30 am WS#41 Generative AI use cases, challenges and opportunities
- 10:00 am Keynote David Reger (Neura Robotics)
- 11:10 am WS#18 Applications for Humanoid Robots in Europe
- 2:00 pm WS#17 The New Frontiers of Advanced Humanoid and Legged Robots



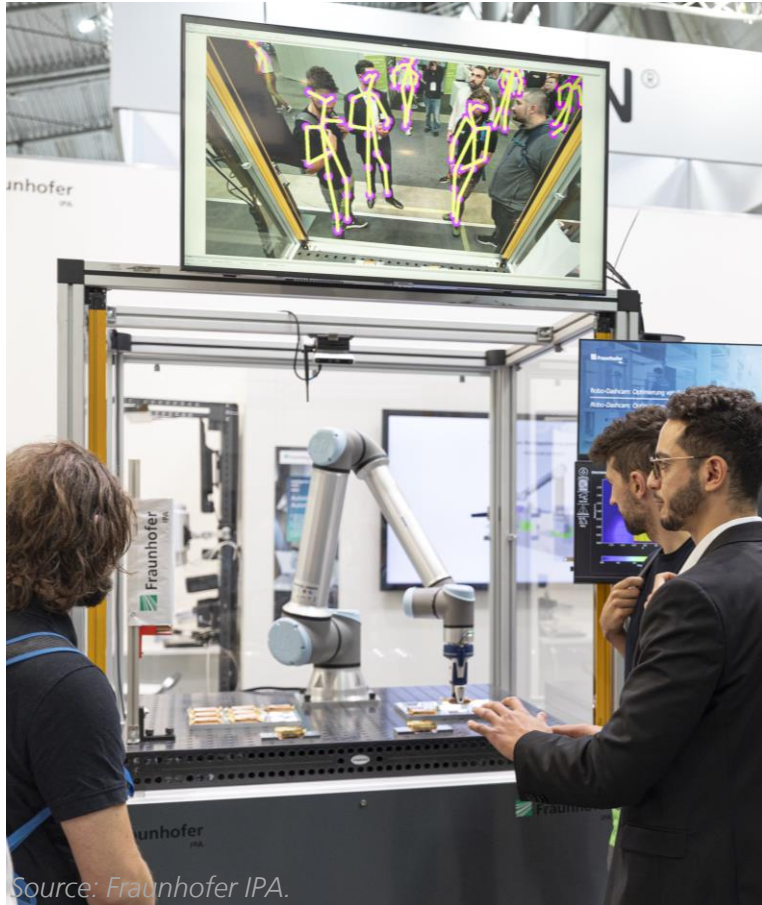
Explore all 50+ workshops and register on the [ERF Website](#).



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Industry Programme – Safety, Security and Privacy



Wednesday, March 26th

- 11:10 am WS#48 Human-robot collaboration in industry 5.0: navigating acceptance, inclusion, safety, and ethics
- 11:10 am WS#13 Industrial Robotics Safety: Challenges, Methods, and Strategies
- 4:00 pm WS#1 Navigating Uncertainty in the European Regulation of AI
- 4:00 pm WS#55 CS4R - Cybersecurity for Robotics

Explore all 50+ workshops and register on the [ERF Website](#).



Thursday, March 27th

- 8:30 am WS#61 Democratizing safe human-robot collaborations on shop floors
- 11:10 pm WS#12 AI in Robot Safety: Methods, Tools, Requirements + Standardization
- 2:00 pm WS#32 Close Encounters of the Digital Kind: (Re)defining Alliances between Humans and AI-enhanced Cobots



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Industry Programme – AI and Data

Tuesday, March 25th

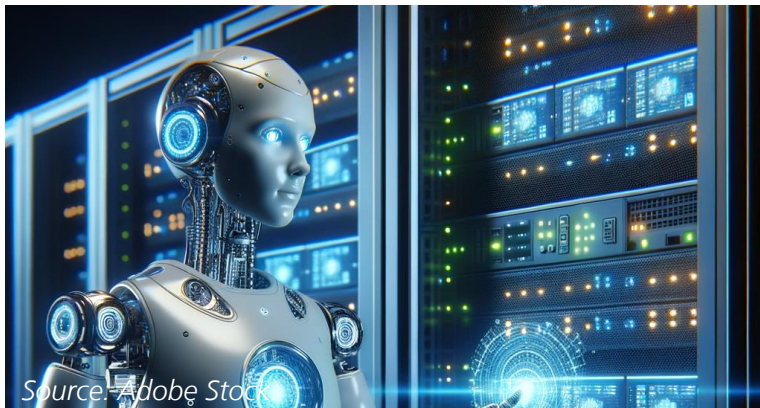
- 8:30 am WS#4 Ethical consideration in AI and Robotics
- 2:00 pm WS#6 Robotics & AI for Harsh Environments: Cross-sector synergies and opportunities
- 2:00 pm WS#52 6G empowering future robotics

Wednesday, March 26th

- 10:00 am Keynote Dieter Fox (Nvidia)
- 11:10 am WS#10 12th Hybrid Production Systems Workshop - Entering the AI era in flexible production
- 4:00 pm WS#1 Navigating Uncertainty in the European Regulation of AI

Thursday, March 27th

- 8:30 am WS#41 Generative AI use cases, challenges and opportunities
- 11:10 am WS#43 Data Spaces for development of AI and robotic applications
- 11:10 am WS#51 Blockchain for Robotics
- 2:00 pm WS#42 Advancing AI-Powered Robotic Cognition, Deliberation and Learning for Real-World Applications



Explore all 50+ workshops and register on the [ERF Website](#).



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Industry Programme – Sustainability

Tuesday, March 25th

- 2:00 pm WS#28 Sustainable business models to accelerate robotics technology adoption
- 4:00 pm WS#45 Remanufacturing and recycling: Are robots the way to a sustainable future?
- 4:00 pm WS#8: Pushing the Limits of Robotics for Sustainable Use of Space



Wednesday, March 26th

- 8:30 am WS#47 (Sustainable) Robots in Public Environments: Advancements and Challenges
- 2:00 pm WS#25 Sustainability Leadership Recognition in Robotics 2025
- 4:00 pm WS#20 Advancements in agricultural robotics and orchard automation
- 4:00 pm WS#44 Circularity in Robotics: Design and use-cases

Explore all 50+ workshops and register on the [ERF Website](#).



Thursday, March 27th

- 8:30 am WS#21 Adoption of robotics in agriculture: challenges + opportunities for sustainable development
- 8:30 am WS#33 Application of robotics in efficient and sustainable construction and deconstruction



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Industry Programme – Healthcare and Pharma

Tuesday, March 25th

- 8:30 am WS#37 The future of healthcare robotics: insights from deployment of assistive robots in healthcare
- 2:00 pm WS#38 Bringing Exoskeletons to Life in Europe: From Labs to Real-World I
- 4:00 pm WS#39 Bringing Exoskeletons to Life in Europe: From Labs to Real-World II

Wednesday, March 26th

- 11:10 am WS#64: How can AI enable flexibility in Mobile Lab Robotics - and by the way: what is flexibility in mobile lab robotics?
- 2:00 pm WS#57 Robotics in the pharma industry: from drug discovery to drug delivery

Thursday, March 27th

- 8:30 am WS#16 TeleRobotics 360: Exploring Innovations from Healthcare to Industry
- 10:00 am Keynote David Reger (Neura Robotics)



Explore all 50+ workshops and register on the [ERF Website](#).



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Industry Programme – Strategy and Policy

Tuesday, March 25th

- 8:30 am WS#4 Machina delinquere (non) potest - Ethical consideration in AI and Robotics
- 11:10 am Official Opening of ERF with High-Level Speakers
- 4:00 pm WS#59 How can European regions stimulate innovations in robotics?

Wednesday, March 26th

- 8:30 am WS#2 Standardizing Legal, Regulatory, Tech Paths for Autonomous vehicles/drones
- 2:00 pm WS#53 The Future of Robotics in Europe - Is there a common strategy?
- 4:00 pm WS#1 Navigating Uncertainty in the European Regulation of AI

Thursday, March 27th

- 8:30 am WS#41 Generative AI use cases, challenges and opportunities
- 10:00 am Keynotes and Panel Discussion with Lucilla Sioli and Dr. Hoffmeister-Kraut
- 11:10 am WS#29 Success stories from EU funded projects



Explore all 50+ workshops and register on the [ERF Website](#).



I am personally looking forward to welcoming you to Stuttgart!

Dr. Werner Kraus
General Chair ERF2025

Programme – Investors and Entrepreneurs

Monday, March 24th

3:30 pm Investor tip session

Tuesday, March 25th

2:00 pm euRobotics Technology Transfer Award

2:00 pm WS#28 Sustainable business models to accelerate robotics technology adoption

Wednesday, March 26th

10:00 am Keynote Dieter Fox (Nvidia)

11:10 am WS#23 Renaud Champion
Entrepreneurship Award 2025

2:00 pm WS#53 The Future of Robotics in
Europe - Is there a common strategy?

Thursday, March 27th

8:30 am WS#41 Generative AI use cases,
challenges and opportunities

10:00 am Keynote David Reger (Neura Robotics)

11:10 am WS#18 Applications for Humanoid
Robots in Europe

2:00 pm WS#42 Advancing AI-Powered Robotic
Cognition, Deliberation and Learning
for Real-World Applications



Explore all 50+ workshops and
register on the [ERF Website](#).



*I am personally looking
forward to welcoming
you to Stuttgart!*

Dr. Werner Kraus
General Chair ERF2025

ERF 2025 in Stuttgart

Keynotes



25 March 2025



JOERG BURZER
(MERCEDES-BENZ)

Transformation in Production: Pioneering technologies for sustainable automotive production of the future.

26 March 2025



DIETER FOX
(NVIDIA)

Where is RobotGPT?

27 March 2025



DAVID REGER
(NEURA ROBOTICS)

Cognitive Robotics – A New Economic Engine for the Entire EU

27 March 2025



photo by Katja Bartolec

NICOLE HOFFMEISTER-KRAUT
(MINISTRY OF ECONOMY)

AI-Driven Robotics from Baden-Württemberg: Pioneering the Future of European Industry

Programme Overview

Experience the Variety of our Workshops, Exhibition and Site Visits



Monday, 24 March	Tuesday, 25 March	Wednesday, 26 March	Thursday, 27 March	Friday, 28 March
<p>8:00-13:30 Company Site Visits</p> <p>a) SCHUNK (Brackenheim-Hausen) and IPAI (Heilbronn)</p> <p>b) BOSCH (Ulm)</p> <p>c) Mercedes (Sindelfingen)</p> <p>d) Neura Robotics (Metzingen), and FANUC (Neuhausen)</p> <p>12:00-13:30 Registration euRobotics General Assembly / Event Opening</p> <p>14:00-17:00 euRobotics General Assembly</p> <p>14:00-17:00 Public Engagement</p> <p>14:00-15:25 B2B Matchmaking</p> <p>15:30-17:00 Investor Tip Session</p> <p>17:00-18:00 Break</p> <p>18:00-19:00 VIP / General Assembly Reception</p> <p>19:30-21:30 euRobotics Member Dinner in Wirtshaus Lautenschlager</p>	<p>8:30-9:50 Workshop Sessions</p> <p>10:00-10:30 Keynote Mercedes</p> <p>10:30-11:10 Coffee Break</p> <p>11:10-12:30 Opening</p> <p>12:30-14:00 Lunch Break</p> <p>12:50 – 13:50 Site Visit University of Stuttgart</p> <p>14:00-15:20 Workshop Sessions</p> <p>15:20-16:00 Coffee Break</p> <p>16:00-17:20 Workshop Sessions</p> <p>16:00-17:20 B2B Matchmaking</p> <p>17:20-18:30 Late Breaking Poster Session</p> <p>17:30-18:45 Charity Run</p> <p>18:45-20:30 Welcome Reception</p>	<p>8:30-9:50 Workshop Sessions</p> <p>10:00-10:30 Keynote Nvidia</p> <p>10:30-11:10 Coffee Break</p> <p>11:10-12:30 Workshop Sessions</p> <p>12:30-14:00 Lunch Break</p> <p>12:50 – 13:50 Site Visit University of Stuttgart</p> <p>14:00-15:20 Workshop Sessions</p> <p>15:20-16:00 Coffee Break</p> <p>15:20-18:00 Fraunhofer IPA & ARENA2036 Lab Tour</p> <p>16:00-17:20 Workshop Sessions</p> <p>17:20-18:00 Break</p> <p>18:00-18:45 Award Ceremony</p> <p>19:00-22:00 Networking Dinner</p> <p>22:00-23:30 After Party</p>	<p>8:30-9:50 Workshop Sessions</p> <p>10:00-10:30 Keynote NeuraRobotics</p> <p>10:30-11:10 Coffee Break</p> <p>11:10-12:30 Workshop Sessions</p> <p>12:30-14:00 Lunch Break</p> <p>12:40-13:10 Feedback Session</p> <p>13:00-18:00 Company Site Visits Neura Robotics (Metzingen), and FANUC (Neuhausen)</p> <p>14:00-15:20 Workshop Sessions</p> <p>15:20-16:00 Coffee Break</p>	<p>8:00-13:30 Company Site Visits</p> <p>a) SCHUNK (Brackenheim-Hausen) and IPAI (Heilbronn)</p> <p>b) Mercedes (Sindelfingen)</p>
Exhibition	Exhibition	Exhibition	Exhibition	

European Robotics Forum 2025

»Boosting the Synergies between Robotics and AI for a stronger Europe«



Most influential Meeting of the Robotics and AI Community



March 25-27, 2025



First time in Germany,
main venue Liederhalle
Stuttgart



Over **1,000 expected participants** from all over Europe
www.erf2025.eu



Networking & Collaboration



Facilitating **partnerships** between **industry, academia** and **policy-makers**

Over **60 exhibitors** showcasing the latest **technologies in robotics and AI**

Innovation & Knowledge Exchange



Showcasing **cutting-edge research, industrial applications, and technological advancements**

Offering **workshops, scientific tracks, challenges, panels, award sessions and exclusive site visits**



Universität Stuttgart

