

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



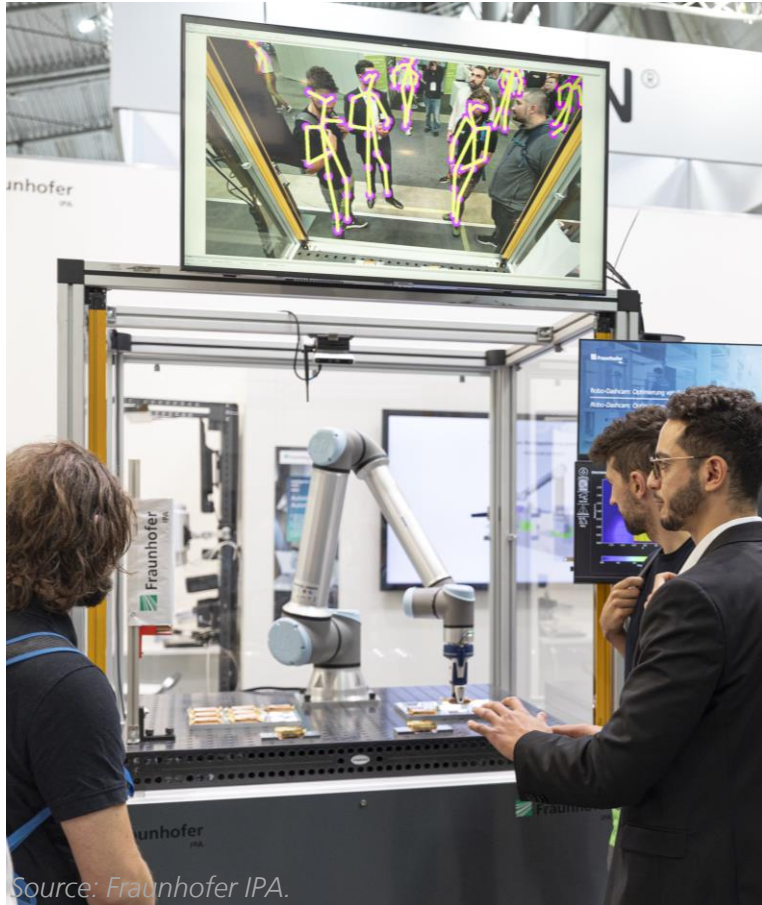
Explore all 50+ workshops and register on the [ERF Website](#).



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

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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



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Industry Programme – AI and Data

Tuesday, March 25th

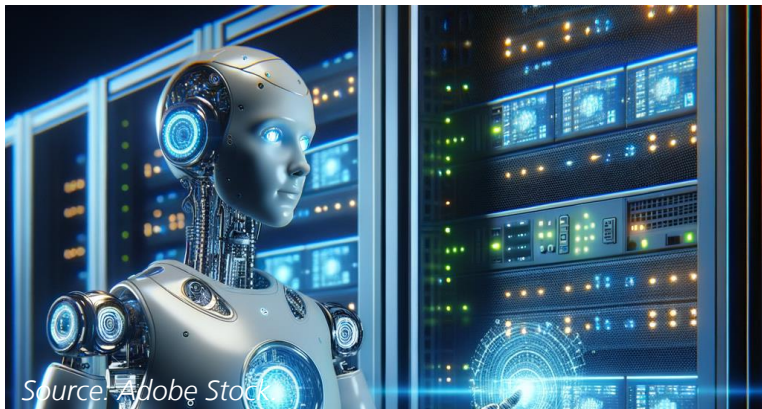
- 8:30 am WS#4 Ethical consideration in AI and Robotics
- 2:00 pm WS#6 Robotics & AI for Harsh Environments: Cross-sector synergies and opportunities
- 2:00 pm WS#52 6G empowering future robotics

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
- 2:00 pm WS#51 Blockchain for Robotics
- 2:00 pm WS#42 Advancing AI-Powered Robotic Cognition, Deliberation and Learning for Real-World Applications



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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

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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



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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
- 4:00 pm WS#36 Healthcare Robotics in Germany: insights from deployment of assistive robots for transport and interaction

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



Wednesday, March 26th

- 11:10 am WS#46: 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



Source: Fraunhofer IPA

Thursday, March 27th

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



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General Chair ERF2025

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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 Standardisation, Legislation, Regulation, Vehicles, Drones
- 11:10 am WS#29 Success stories from EU funded projects
- 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 from Dr. Hoffmeister-Kraut and Lucilla Sioli



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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



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General Chair ERF2025



Federal Ministry
for Economic Affairs
and Climate Action

Federal Ministry
of Education
and Research

KI-basierte Robotik / AI-based Robotics (KIRO2025)

#KIRO
2025

Tuesday, March 25th

- 8:30 am WS#58 Perceiving unknown and deformable objects in logistics and service robotics
- 11:10 am Official Opening of ERF with High-Level Speakers
- 4:00 pm WS#54 AI-Based Industrial Robotics: Challenges and Use Cases in the RoX-Ecosystem
- 4:00 pm WS#59 How can European regions stimulate innovations in robotics? (includes RIG and RoX)

Wednesday, March 26th

- 8:30 am WS#27 Challenging Robotics/AI Use Cases by End-Users
- 11:10 am WS#46 How can AI enable flexibility in Mobile Lab Robotics - and by the way: what is flexibility in mobile lab robotics?
- 2:00 pm WS#53 The Future of Robotics in Europe - Is there a common strategy?
- 3:30 pm Site visit ARENA 2036 and Fraunhofer IPA (includes RoX demonstrators)

Thursday, March 27th

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



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General Chair ERF2025

ERF 2025 in Stuttgart

Keynotes



March 25 10:00-10:30:



Joerg Burzer

(Mercedes-Benz)

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



photo by Katja Bartolec

All March 27 10:00-10:40:

Dr. Nicole Hoffmeister-Kraut

(Ministry of Economic Affairs, Labour and
Tourism of the State of Baden-Württemberg)
AI-Driven Robotics from Baden-Württemberg:
Pioneering the Future of European Industry



March 26 10:00-10:30:

Dieter Fox

(Nvidia)

Where is RobotGPT?



Lucilla Sioli

(AI office at European Commission)
Harnessing AI to power robotics is key to
enable Europe's competitiveness



March 26 at the networking dinner:

Dr. Jochen Weyrauch

(Dürr)

A Closer Look at Robotic Application
in the Painting Industry



David Reger

(Neura Robotics)

Cognitive Robotics – A New
Economic Engine for the Entire EU

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) Mercedes (Sindelfingen)</p> <p>b) 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, LBR</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>13:20-14:00 LBR</p> <p>14:00-15:20 Workshop Sessions</p> <p>15:20-16:00 Coffee Break, LBR</p> <p>16:00-17:20 Workshop Sessions</p> <p>16:00-17:20 B2B Matchmaking</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>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>22:30-23:30 After Party</p>	<p>8:30-9:50 Workshop Sessions</p> <p>10:00-10:40 Keynotes:</p> <ul style="list-style-type: none"> Ministry of economy BW European Commission Neura Robotics <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 IPA (Heilbronn)</p> <p>b) Mercedes (Sindelfingen)</p>
	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 **1,400 expected participants** from all over Europe
www.erf2025.eu



Networking & Collaboration



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

Over **75 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

