IndustryX Talk EU

Human-Centered AI: Data-Driven Transformation in Manufacturing

3rd - 4th November 2026
Warsaw, Poland

DAY ONE

07.45 - 08.20 — **REGISTRATION**

08.20 - 08.30 — **WELCOME & CHAIRPERSON'S OPENING REMARKS FOR DAY ONE**
Barbara Robaszkiewicz, Managing Director Manufacturing plant, Poznań, **Beiersdorf**

08.30 - 09.00

People-centric AI: The Smart & Sustainable Transformation of the Automotive Industry
- From data to decision: a new era in the automotive industry
- People at the center of change
- From theory to action
- Technology with purpose
- Building the future of mobility

Emanuel Pupello, SVP Head of International Product Management, **Volkswagen**

09.00 - 09.30

Embarking on an AI Adventure
- Gen AI – an overview
- Gen AI applicability in Pharma
- Gen AI with in J&J

Prasanna Gururajan, Global MAKE-Pharma Mfg. Product Line Leader, IT Senior Director, **Johnson & Johnson Innovative Medicine**

09.30 - 10.00

How Industry 5.0 will take the Manufacturing Workforce to the Next Level of Plant Operations
- People-centric approaches to digitalization initiatives have revolutionized the way companies drive efficiency and optimize collaboration in 24/7 plant operations. Where Industry 4.0 focused on technology and automated machines Industry 5.0 will put people back at the heart of manufacturing enabling interactive plant operations
- How digitalization initiatives have proven to increase shift communication and plant performance
- Why a people-focused approach is key for successful manufacturing

Barbara Robaszkiewicz, Managing Director Manufacturing plant, Poznań, **Beiersdorf**

10.00 - 10.30

Exclusive: Shingo 2.0: Integrating Digitalization into the Operational Excellence Journey
- IPSEN's Shingo 2.0 Framework combines human-centric values with digital transformation, ensuring a balance between cultural and technological advancements.
- Key elements include cultural reinforcement first, data-driven thinking, ecosystem-based improvement, real-time feedback and digital leadership enablement.
- This framework integrates traditional Shingo principles with modern digital practices, fostering continuous improvement, emotional engagement and leadership evolution.
- It provides a flexible, holistic model for organizations to align human values with digital innovation, ensuring sustainable operational excellence.
- Case study among the first to document the real-world integration of the Shingo Model with digital transformation initiatives in a European manufacturing context. It offers both theoretical insight and practical guidance for organizations seeking to align excellence models with I4.0 and I5.0 principles

Amayas Benkaroun, VP Operational Excellence & Transformation, **IPSEN**

10.30 - 11.20 — **COFFEE BREAK & MEETINGS**

11.20 - 12.10

Roundtable Discussions:

For 4 to 10 participants to discuss and debate on one of the selected topics:

1. Digitalization of Daily Production Management
2. Moving Beyond Pilots to Scale Effectively
3. The Connected Worker: Tools or Culture Catalysts?
4. Accelerate the digital and cultural transformation required to make industrial plants truly data-driven
5. Workforce Development & Preparation for the Digital Era
6. Digital Transformational Leadership: Bridging Strategy to Reality
7. Lean Strategies/Lean 4.0/Continuous Improvement
8. Driving Continuous Improvement and facilitating the Digital Transformation Journey
9. Digital Transformation - Human Centric AI

12.10 - 13.10

One to One Meetings & Investment Areas
- Industry 5.0
- Manufacturing Data Cloud
- AI Predictive Maintenance
- Advanced Data Analytics For IIoT and Smart Manufacturing
- Engineering Edge Solutions
- Artificial Intelligence (AI) and Machine
- Learning (ML)
- Gen AI
- Hybrid Cloud
- Hybrid MES
- ERP Modernization
- Digital Twin
- AI Driven Digital Twins
- Edge Computing
- OT Security
- Cyber Security
- Industrial Augmented Reality
- The Human Centric Approach
- Change Management
- Sustainability
- Connected Worker Platforms
- Operational Excellence / Continuous Improvement
- Smart Factory

12.10 - 12.40

Cybersecurity in manufacturing: Trends, Threats and Strategies
- Manufacturing's digital transformation is creating as many risks as opportunities, with ransomware, legacy systems, and supply chain vulnerabilities now reaching the C-suite agenda.
- What's changed, what's coming and why now?
- The latest trends and 2026 top cybersecurity threats and practical strategies for aligning IT and OT, mitigating insider risks, and embedding security as a driver of resilience and growth.
- Identifying clear actions to safeguard operations while turning cybersecurity into a competitive advantage.

12.40 - 13.10

A Manufacturing Data Cloud Journey
- Data Cloud Platforms to forge faster IT/OT Integration
- Edge to Cloud data visibility across manufacturing
- Accessible data and easy-to-use AI to optimize production and shop-floor operations at scale
- Eliminate Data Silos and enable great collaboration to drive agility and flexibility

13.10 - 14.00 — **NETWORKING LUNCH**

14.00 - 14.30

From Digital Enthusiasm to Industrial Impact. Preparing People and Scaling AI for the Future of Manufacturing
- Building an AI-ready workforce.
- Turning human-centered AI into measurable business value.
- Scaling innovations beyond pilots and proof-of-concepts.
- Creating an integrated ecosystem of AI, automation, and robotics.

Tim Renner, General manager Logistics & IT, **BMW Group**

14.30 - 15.00

AI Evolving Framework for Life Sciences: Sustainability & Validated Use Cases

In this session, I plan to delve into the practical applications of AI within the life sciences sector, focusing on several key areas:
- Emphasizing the Human-in-the-Loop approach as a critical success factor
- Building a culture of training and continuous education in an ever-evolving AI landscape
- Aligning AI adoption with business-driven decision making
- Showcasing pharma manufacturing use cases with MES, including AI-generated recipe authoring

Showcasing pharma manufacturing use cases with MES, including AI-generated recipe authoring: I will present real-world examples from pharmaceutical manufacturing, demonstrating how AI can be leveraged within Manufacturing Execution Systems (MES), including innovative approaches like AI-assisted recipe authoring. Model Context Protocol is a key to Recipe authoring in MES and various resource collection of data via UNS and a foundation for AI framework.

Arpan Suryawanshi, Consulting Lead- Manufacturing**, Roche Diagnostics GmbH**

15.00 - 15.50 — **COFFEE BREAK & MEETINGS**

15.50 - 16.20

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15.50 - 16.20

Leveraging the Human Factor to optimize Smart Manufacturing Transformations
- The Pros and Cons of "Copy and Paste" strategies
- Organisational structure and the influence on Smart Manufacturing Transformation
- The importance of Human Capital development in terms of future work qualifications and skills
- Leadership lessons from the bridge of a Starship
- You will never fail if you either succeed or learn, how getting it wrong will always provide new learning opportunities

16.20 - 16.50

Bridging the Talent Gap: Reskilling and Upskilling for the Next Generation of Manufacturing Jobs
- Developing training programs and educational pathways to prepare the workforce for advanced manufacturing technologies
- Strategies for fostering collaboration between industry, academia, and government to address skills shortages and evolving job roles
- Success stories of organizations that have effectively reskilled their workforce and the impact on productivity and innovation

Harman Singh, Digital Platform Architect - MGS Digital Technologies, **Mars Inc.**

16.50 — **CHAIRPERSON'S CLOSING REMARKS AND END OF DAY ONE**

17.00 — **COCKTAIL RECEPTION**

Please note: agenda and speakers are subject to change

DAY TWO

08.50- 09.00 — **CHAIRPERSON'S OPENING REMARKS FOR DAY TWO AND SUMMARY OF DAY ONE**

09.00 - 09.30

Reducing Cycle Time and Improving Yield – was it a technical challenge?
- The management team are surrounded by data
- They are a hostage to their decisions – not knowing which way to turn
- What did they do, how did they prevail?
- Was their success due to or enabled by technology?
- What are the learning points and parallels for us to consider

Matthew Stockwin, Managing Director, **Littlefuse Inc.**

09.30 - 10.00

From Lean to Smart: People-Driven Digital Transformation
- Why developing people before digital tools delivers long-term transformation and growth.
- The missing link between Lean and digitalisation
- Why operator involvement determines success
- Data-driven problem solving (beyond dashboards)
- Designing a Smart Factory roadmap with Lean DNA and AI
- Culture: building teams that improve continuously

Hugo David Herrmann, Head Operational Excellence, Smart Factory, AI & Automation – Europe & Africa, **Inteva Products**

10.00 - 10.30

People-centric AI: The Smart & Sustainable Transformation of the Automotive Industry
- When AI Does More of the Work: What Happens to People?
- How AI is moving from a tool people use to a system that carries out parts of their work.
- What this changes for the identity and confidence of engineers, operators, and leaders.
- How to support continuous learning without making every employee feel permanently behind.
- Where human judgment, review, and accountability belong in AI-enabled industrial workflows.
- How to design work that uses AI to strengthen people's contribution and creativity.

Bzhwen Kadir, Former Business & Portfolio Lead, Novo Nordisk and Founder & Partner, **HTO & Beyond**

10.30 - 10.55 — **COFFEE BREAK & MEETINGS**

11.00 - 12.00

Roundtable Discussions: For 4 to 10 participants to discuss and debate on one of the selected topics:

1. Accelerating MES deployment to enhance Real-Time Visibility, Traceability, and Operational Efficiency on the Shop Floor.
2. Collaboration with Cross-Functional Teams to Align IT OT, Leveraging Smart Factory Initiatives and Industry 4.0 Principles.
3. Data-driven Performance Improvement, focusing on Analytics to Boost Productivity and Reduce Downtime
4. Driving Continuous Improvement and facilitating the Digital Transformation Journey
5. Workforce Development & Preparation for the Digital Era
6. Human-Centric Digital Adoption: Myth or Method?

12.00 - 13.00

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12.00 - 12.30

Cloud and AI Making Additive Distributed Manufacturing
- How software, cloud technology, and AI are opening new fields of opportunities for additive manufacturing
- Distributed production, meeting customer requirements, and needs on demand
- Bringing production closer to the demand we will have

12.30 - 13.00

Robotics as a Valuable Source of Data and Information for Improved Uptime
- Data vs. Information
- Information that can be provided by robotics
- Availability of data as a precondition for valuable information
- How can data be used?

13.00 - 14.00 — **NETWORKING LUNCH**

14.00 - 14.30

AI Decision Matrix -From Infrastructure to Intelligence

- How far is AI from Hi ? Competitive Stats & Results
- Who can be my AI partner ? Practical Decision Matrix
- Which is the Ideal AI Tool in Cloud ? A Service-by-Service Breakdown of Cloud AI Spectrum
- Has Cloud AI created any value for any business ? Calculating ROI on AI from real world examples
- Ready for your AI strategy Decision Making Time

Harman Maan, Digital Platform Architect -Solution Lead, **Mars Inc.**

14.30 - 15.00

A Sustainable Innovation Framework Based on Lean Six Sigma (LSS) and Industry 5.0

- As we venture into the era of Industry 5.0, marked by unprecedented levels of connectivity and collaboration between humans
- and machines, Lean Manufacturing stands out as a cornerstone for success
- Industry 5.0 places a renewed emphasis on the human element, integrating advanced technologies to augment human
- capabilities. Lean principles, with their focus on empowering employees and fostering collaboration, align perfectly
- By integrating LSS into a human-oriented discipline, we can achieve a harmonious blend of more humane processes and a
- conducive result-driven environment with this paradigm shift.
- Case study to demonstrate the practical application and outcomes of LSS 5.0 tools
- Implementation and results

Tomasz Krol, Founder, **Institute of Production Improvement**

15.00 **CHAIRPERSON'S CLOSING REMARKS**

15.05 **COFFEE &REFRESHMENTS/CLOSE**

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