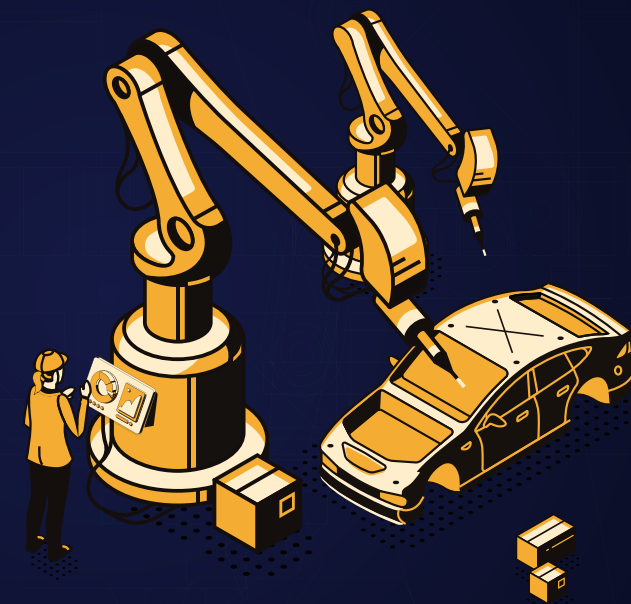


FROM LIGHT COASTAL BREEZE TO STORMPROOF OCEAN CROSSING;
MANUFACTURING AT A PIVOTAL TURNING POINT

Smart Manufacturing

WORLD SUMMIT



"The manufacturing industry is undergoing a multifaceted transformation, from automation to the adoption of Industry 4.0, dedicated to digitalization, to the use of AI for decision-making by advanced practitioners, all within the context of a circular economy that prioritizes sustainability and resource optimization."

MÖVENPICK
HOTELS & RESORTS

3rd-5th of April · 2024
Stuttgart · GERMANY

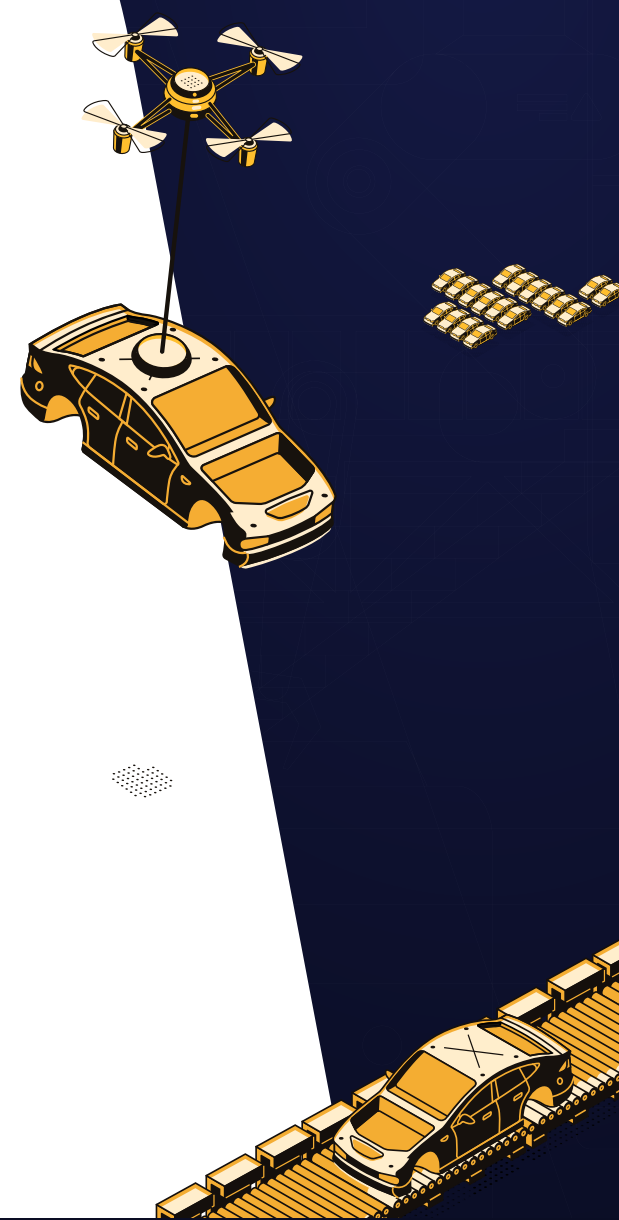
SUMMIT INTRODUCTION

As a key component of the circular economy, manufacturing must undergo a radical transformation from beginning to end: designing products to be recyclable, utilizing sustainable materials, and improving process efficiency to reduce waste and energy consumption. Smart Manufacturers will enhance their business models to provide consumers with "product-as-a-service" early on. In addition, they will be responsible for the end-of-life administration of their products, including collection and recycling.

Meanwhile, The current phase of industrial development continues to advance into the integration of digital technologies, automation, and data exchange. The innovative, new capabilities of AI in R&D and manufacturing are leading to a vision of the future that opens a new era in the collaboration between humans and machines.

"If you want to build a ship don't herd people together to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea." (Antoine de Saint Exupery).

Join the Smart Manufacturing World Summit to hear from the industry's top practitioners and suppliers on how they adapt to an ever-changing environment.



THE TOPICS

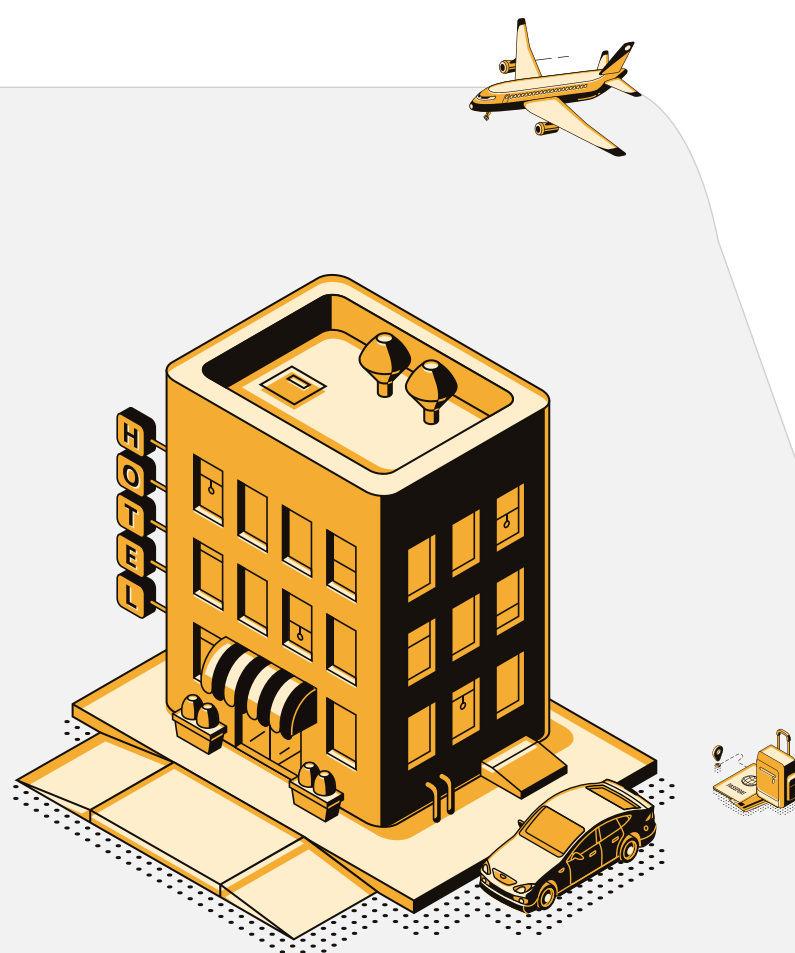
- CIRCULAR ECONOMY AND SUSTAINABLE BUSINESS: TOWARDS A GREEN FUTURE.**
Manufacturing is evolving in a changing world: the current life cycle of "make-use-throw-away" has had its day. Consumers at all levels are getting more and more demanding and rewarding concrete steps towards circular economy.
- BRIDGING THE GAP BETWEEN THEORY AND APPLICATION, INNOVATION AT WORK.**
Many Industry 4.0 initiatives fail, as they lack the basis of Lean, Agile or Six-Sigma culture. Transformations of the magnitude of "Going Lean", implementing INDUSTRY 4.0, ... are still underestimated. Companies have to prepare to participate in both marathons and sprints. AI, Connectivity, Digital Twin, Robotic Process Automation, ... need a solid pavement both in terms of mind and tool set.
- TANGIBLE RESULTS ARE REPLACING LOFTY VISIONS: HOW BETTER TECHNOLOGIES MAKE THE IMPOSSIBLE, POSSIBLE.**
Current technologies have improved manufacturing immeasurably, many processes we now take for granted were out-of-reach only a few years ago. Think about the progress of Additive manufacturing: Have you ever dreamed 2 years ago you could build your house in 3 days with 3D printing, what is (currently) impossible in your business?
- AUTOMATION/i4.0: TRANSFORMING THE MANUFACTURING LANDSCAPE.**
The possibilities of digitization and automation are still not fully realized, i4.0 is aiming to capitalize on these potentials at full extend, providing a base for further advancements: IoT/ Blockchain / 3D. How the ERP(SAP)/MES/PCS Real time Traceability, cyber etc... landscape is evolving, however still not fast enough.
- EVEN THE MOST AUTOMATED OPERATION MUST RELY ON THE HUMAN INPUT: INDUSTRY 5.0 IS TAKING ACCOUNT OF THE NEW CONDITIONS.**
The world of work is changing at an accelerating pace. Humans and machines will work very different and much more complementary than they already do, which will require a big mindset change. The vision of industry 5.0 leads us toward a future of seamless human machine collaboration. Leaders: what are you doing to get your team in the champions league?

AGENDA FOCUS

- Integration of Advanced Technologies
- Role of Leadership in a Technologically Advanced Manufacturing Landscape
- Ethical Considerations and Human-Centric Approaches
- Operational Efficiency Through Emerging Technologies
- Sustainable Manufacturing and Circular Economy

THE VENUE

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Mövenpick Hotel Stuttgart
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Room rate at the Mövenpick Hotel is 128 eur per night including breakfast

Reserve your room using the keyword "Smart Manufacturing World Summit"

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SPEAKER COMPANIES

