



Future
Manufacturing
Africa

Conference
2025

POWERED BY



BUILT BY



WEDNESDAY, 7 MAY 2025 | GALLAGHER CONVENTION CENTRE

FUTURE MANUFACTURING AFRICA: WHERE INNOVATION MEETS INDUSTRY 5.0!

SECURE YOUR SPOT NOW – THE FUTURE OF MANUFACTURING STARTS HERE!

The Future Manufacturing Africa Conference is your gateway to the next era of industrial transformation! Join industry leaders, AI pioneers, and sustainability experts as we unlock the full potential of automation, AI, and Industry 5.0 for a smarter, more sustainable manufacturing landscape in Africa.

WHY ATTEND?

- **Stay Ahead of the Curve** – Gain exclusive insights into cutting-edge AI-powered automation and how generative AI is redefining workflows and decision-making.
- **Embrace Sustainability** – Learn how additive manufacturing (AM) and the circular economy can revolutionize production efficiency while reducing waste.
- **Empower Your Workforce** – Discover the latest in skills development, workforce training, and apprenticeships to future-proof your business.
- **Network with Industry Titans** – Connect with global thought leaders, innovators, and key stakeholders shaping the future of African manufacturing.
- **Unlock Investment & Collaboration Opportunities** – Position your business at the forefront of Africa's industrial revolution with unmatched growth potential.

THE FUTURE IS AUTOMATED, SMART AND SUSTAINABLE – BE PART OF IT!

KEY THEMES & HOT TOPICS

INDUSTRY 4.0 & AI-POWERED AUTOMATION

- The role of AI, machine learning, and edge computing in shaping the future of manufacturing.
- Generative AI's impact on automation, business processes, and productivity.
- Ethical considerations and real-world case studies in AI implementation.
- Sustainability & Circular Economy in Manufacturing

ADDITIVE MANUFACTURING (AM) & INDUSTRY 5.0:

- Exploring how 3D printing can reduce waste, optimize material use, and promote localized production.
- Circular Economy Strategies: Moving from a linear to a circular economy model by focusing on reducing, reusing, and recycling in manufacturing.

SKILLS DEVELOPMENT & WORKFORCE TRAINING

- Preparing the workforce for automation-driven changes in the manufacturing sector.
- Collaboration between educational institutions and industries for skills training.
- The future of apprenticeships and vocational training in Africa.

INNOVATION & INVESTMENT IN MANUFACTURING

- Unlocking synergies between automation and future manufacturing.
- The role of African industries in adopting sustainable and competitive manufacturing strategies.
- Networking and collaboration opportunities for stakeholders.

DON'T GET LEFT BEHIND – THE FUTURE IS NOW!

Don't miss this opportunity to engage with industry pioneers, discover cutting-edge innovations, and expand your expertise.

Register now and be part of Africa's leading conference on the future of manufacturing.

DETAILS

Date: Wednesday, 9 May
Time: 08h00-16h00
Venue: Gallagher
Convention Centre, Midrand
Cost: R 1 395 ex VAT

TO BOOK

Register at <https://aatf2025.showhub.live/> and then buy your conference ticket or contact Roelien Fraser +27 (0)68 436 1361 roelien.fraser1@rxglobal.com to book your space

THE BOTTOM LINE

You Can't Afford to Miss This! The Future Manufacturing Africa Conference isn't just about talking—it's about action. It's about empowering African businesses to innovate, grow, and lead in the future of manufacturing.

**Be part of the change.
Book your seat now!**

PART OF





WEDNESDAY, 7 MAY

TIME	TOPIC	SPEAKER
09h00-09h30	<p>SETTING THE SCENE: UNLOCKING SYNERGIES BETWEEN AUTOMATION & FUTURE MANUFACTURING</p> <p>As industries embrace AI, machine learning, and edge computing, the integration of automation and future manufacturing is creating a dynamic platform for innovation, collaboration, and investment. This session sets the stage for Africa's industrial evolution, exploring how automation, AI, and Industry 4.0 are transforming manufacturing.</p>	 <p>Jason Fagon Managing Director: AMP CAD CAM</p>
09h30-10h30	<p>AI-POWERED AUTOMATION: THE GENERATIVE ADVANTAGE</p> <p>This session explores how generative AI is revolutionizing automation, transforming business processes, and enhancing productivity. Discover how AI-driven systems not only automate tasks but also generate new ideas and solutions, optimizing workflows and decision-making. David Osborn will showcase real-world implementations, key challenges, and ethical considerations, providing insights into how businesses can leverage generative AI to drive innovation, resilience, and industry leadership in a rapidly evolving digital landscape.</p>	 <p>David Osborn Managing Director: Dassault Systems</p>
10h30-11h00	<p>NETWORKING BREAK</p>	
11h00-11h45	<p>SUSTAINABLE MANUFACTURING IN AFRICA: THE FUTURE OF ADDITIVE MANUFACTURING AND INDUSTRY 5.0</p> <p>This session explores how additive manufacturing (AM) and 3D printing can revolutionize African industries by reducing waste, optimizing materials, and enabling localized production. As the continent tackles economic and environmental challenges, discussions will focus on integrating AM into existing frameworks, enhancing efficiency, and driving sustainable growth through real-world case studies from various sectors.</p>	 <p>Devon Hagedorn-Hansen Founder and Managing Director of HH Industries</p>
11h45-12h30	<p>CIRCULAR ECONOMY STRATEGIES FOR AFRICAN INDUSTRIES</p> <p>This session aims to explore innovative approaches that promote resource efficiency and sustainable growth within African industries. By emphasizing the principles of reducing, reusing, and recycling, the session will delve into practical strategies and case studies demonstrating how businesses can transition from linear to circular models. The benefits of circular economies, including waste minimization, cost savings, and enhanced competitiveness, while addressing the unique challenges faced by African markets will be discussed.</p>	 <p>Michel Mafoumba Mechatronics Automation Engineer, entrepreneur, and technology innovator</p>
12h30-14h00	<p>LUNCH AND EXHIBITION VISIT</p>	
14h00-14h30	<p>WORKFORCE DEVELOPMENT AND SKILLS TRAINING FOR THE FUTURE OF MANUFACTURING</p> <p>As technological advancements and automation reshape industry practices, this session will focus on effective strategies for equipping workers with the necessary skills to thrive in a modern manufacturing environment. Innovative training programmes, partnerships between educational institutions and industries, and the role of digital literacy in workforce readiness will be discussed. Gain insights into how investing in human capital can enhance productivity, foster economic growth, and ensure that African industries remain competitive in the global marketplace.</p>	 <p>Johan Steyn Chair: Special Interest Group on AI and Robotics at IITPSA</p>
14h30-15h00	<p>THE FUTURE OF APPRENTICESHIPS AND VOCATIONAL TRAINING IN AFRICA</p> <p>We delve into the evolving landscape of skills development in response to rapid technological advancements. It will explore how innovative training programs can equip the youth with essential competencies, bridging the gap between traditional education and industry demands. Thought leaders and industry experts will discuss successful models of apprenticeship, the role of automation in vocational training, and partnerships between educational institutions and businesses. The objective is to foster a skilled workforce that can thrive in a digitized economy, driving economic growth and enhancing employability across the continent.</p>	TBC
15h00-15h30	<p>PANEL DISCUSSION: WORKFORCE DEVELOPMENT AND SKILLS TRAINING FOR THE FUTURE OF MANUFACTURING AND THE FUTURE OF APPRENTICESHIPS AND VOCATIONAL TRAINING IN AFRICA</p>	
15h30-16h30	<p>NETWORKING AND EXHIBITION VISIT</p>	



SPEAKERS

WEDNESDAY, 7 MAY



JASON FAGON
Managing Director: AMP CAD CAM

Jason has a broad range of experience, all of which links back to his foundation in mechanical engineering - from engine vibration analysis, to FMEA on diamond sorting machines, to designing electrode components for platinum smelting furnaces. Settling in the CAD and PLM field for the last 18 years, he uses his industry exposure to assist manufacturing companies to find the benefit in mapping workflows and unlocking value, by applying the right technology to the right process. Whilst based in South Africa, his remit is the African continent as a whole. He is currently the MD of AMP CAD CAM solutions.



DAVID OSBORN
Managing Director: Dassault Systems

David Osborn is a seasoned leader in mining technology with over 20 years of experience in driving digital transformation across Africa and the Middle East. As Managing Director at Dassault Systèmes, he has expanded the use of mining software solutions, including opening a regional office in Ghana to support West African customers. Starting his career in sales and marketing at Digital Mining Services, he later founded Surpac Minex Africa before transitioning to Dassault Systèmes. He holds a BSc in Engineering Geology (University of Natal) and an MBA (Gordon Institute of Business Science, University of Pretoria).



DR DEVON HAGEDORN-HANSEN
Founder and Managing Director of HH Industries

Dr. Devon Hagedorn-Hansen is a leading expert in Additive Manufacturing (AM) with a PhD in Industrial Engineering from Stellenbosch University, specializing in Laser Powder Bed Fusion. With over 14 years of experience, he has worked across aerospace, medical, oil & gas, and tooling industries, gaining international recognition for his expertise. As Founder and Managing Director of HH Industries and Managing Director of Multitrade 3D Systems, he has educated and trained hundreds of students and professionals in AM. Passionate about advancing 3D printing in Africa, he actively promotes the industrialization of the continent, one layer at a time.



MICHEL MAFOUMBA
Mechatronics Automation Engineer, entrepreneur, and technology innovator

Michel Mafoumba is a leading expert in industrial automation, robotics, and AI-driven solutions, with over a decade of experience. Born in Congo and trained at Cape Peninsula University of Technology (CPUT), South Africa, he specializes in PLC programming, HMI/SCADA, IoT, and AI integration. As Co-founder of SAIENG Pty, he drives advanced technology training, aligning with QCTO and ECSA standards. He has contributed to DHET's Millwright curriculum and worked alongside Dr. Naledi Pandor on the Northlink College Project, modernizing technical education. Michel's innovations include automated food production, smart agriculture, industrial robotics, AI-driven energy systems, and AI solar streetlights, fostering sustainability, job creation, and economic growth in Africa.



JOHAN STEYN
Chair Special Interest Group on AI and Robotics: IITPSA

Johan Steyn is a globally recognized Human-Centred AI Advocate and thought leader, speaking at major conferences on the Fourth Industrial Revolution and Emerging Technologies. A 2019 award winner for Best AI & Robotics Management Consultant (Wealth & Finance, UK), he has held senior roles at Nedbank, Accenture, and PwC. He is a Global AI Ambassador with Swiss Cognitive and a Research Fellow at Stellenbosch University's School of Data Science and Computational Thinking. An Adjunct Professor at Woxsen University (India), Johan has collaborated with Oxford, Cambridge, and the United Nations. A published author, he regularly contributes to Reuters, Business Day, Sunday Times, and ITWeb.