SMART MANUFACTURING FOR PHARMA

16 November 2022
100% Online | PT

Leveraging Emerging Technology to Increase Capacity, Reduce Costs and Improve Quality

Cutting-Edge Insights Delivered by Industry Leaders

John Baker,
Executive Director, Manufacturing Data & Analytics,
Merck

Steven Driver,
Global Energy Program Director, Principle Engineer,
Sanofi

Sultan Aziz,
Senior Director, Product Supply Strategy Management,
Johnson & Johnson

Bayan Takizawa,
Chief Business Officer,
Continuus Pharmaceuticals

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Proudly Partnered With: HighByte   scitara
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This summit is created and designed by:

AMG World
Accelerated Performance

Welcome

Dear Colleague,

Whilst the pharma sector has remained cautious in their approach to technology, disruption from COVID-19, rising costs and increasing supply chain complexity has forced companies to rapidly adapt and implement IoT and emerging technologies to increase speed, efficiency and quality.

However, inflexible legacy infrastructure, lack of technical expertise and resistance to change is slowing progress and putting the potential ROI of new projects at risk.

Through a series of presentations and interactive discussions, you will acquire the necessary tools to:

- **Implement IoT, Automation and emerging technology** to increase capacity, optimize production and drive down costs
- **Leverage AI, ML and Advanced Analytics** to enhance speed and accuracy of decision making
- **Avoid costly, unexpected asset breakdowns** through predictive maintenance and machine health monitoring
- **Overcome resistance** to change, instil a culture of innovation and nurture talent to prepare the workforce for digital disruption

Ensure you secure your place alongside your peers and competitors to solve these common challenges in a collaborative environment.

I look forward to meeting you virtually this November.

Emily Donohoe
Conference Director
Smart Manufacturing Summits Series

Upcoming Events of Interest

IoT CLINICAL TRIALS

15 November 2022,
Boston, MA, USA
www.iotforclinicaltrials.com

AI Drug Discovery

23 February 2023,
Boston, MA, USA
www.drugdiscoveryai.com

SMART MANUFACTURING AUTOMATION SUMMIT

29 March 2023,
Chicago, IL, USA
www.futuresmartmanufacturing.com

Who You Will Meet

This Summit brings together C-Suite, VPs, Directors, Managers, Heads, Leads and Senior Specialists from:

- **Manufacturing / Smart Manufacturing / Manufacturing Science / Continuous Manufacturing**
- **Automation / Process Control / Robotics / IoT**
- **Smart Factory / Digital Factory**
- **Plant / Facilities / Site**
- **Digital Transformation / Digital**
- **Strategy / Digital Innovation**
- **Data Science / Analytics / AI &**
- **Machine Learning**
- **IT / IT Business Relationship Management**
- **Operational Excellence**
- **Emerging Technology / Enabling Technology**
- **Supply Chain**

Our sponsors, include technology, service & solution providers specializing in:

- **IoT Hardware, Sensors, and Device**
- **Components**
- **Data - Storage/Platforms/**
- **Collection/Security/Integrity**
- **Machine Intelligence/AI/Machine**
- **Learning**
- **IoT platforms / Infrastructure /**
- **Applications**
- **Cloud Computing**
- **Integrators**
- **Robots / CoBots**
- **Cloud Services**
- **AR / VR / Wearables**
- **Cybersecurity**

Your 2022 Speakers Include:

John Baker,
Executive Director, Manufacturing Data & Analytics,
Merck

Bayan Takizawa,
Chief Business Officer,
Continuus Pharmaceuticals

Sultan Aziz,
Senior Director, Product Supply Strategy Management,
Johnson & Johnson

Steven Driver,
Global Energy Program Director, Principle Engineer,
Sanofi

Eric Sacia,
Principal Research Scientist,
AbbVie

John Harrington,
Chief Product Officer,
HighByte

Adam O'toole,
Director, Enterprise Architecture Manufacturing & Engineering,
Novartis

Geoff Gerhardt,
Chief Technology Officer,
Scitara

Henny Hampton,
Business Lead for Data & Digital Solutions (Associate Director, Engineering),
Merck

Scott Brown,
Architect, Connected Plant,
Andelyn Biosciences

Daniel DeAlmeida,
Head of Product Management,
Scitara

The Event Platform

Our virtual conferences are held via **FLOOR**, an innovative event platform that provides attendees with the opportunity to network and engage in a variety of interactive formats:

Enter the Event Lounge to have private conversations with up to 7 other attendees

Visit the Virtual Exhibition Booths to connect with vendors and discuss how their solutions can overcome your current challenges
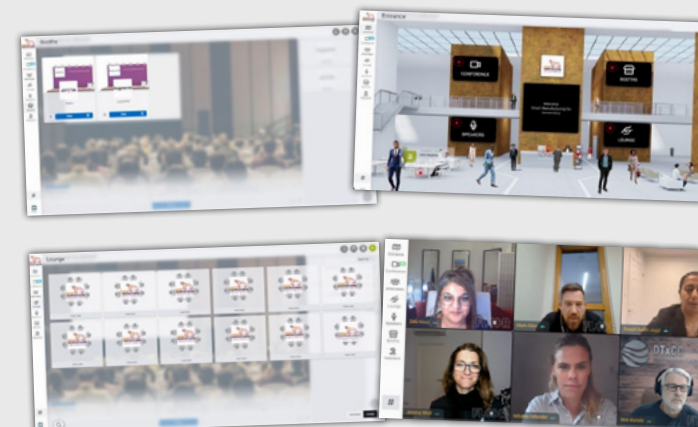
Have your questions answered by taking part in a variety of collaborative discussions and watching live presentations given by Smart Manufacturing experts

Receive the recordings post–event and access them on–demand

Why Sponsor?

The Smart Pharma technology vendor landscape is vast with new entrants innovating rapidly. It is therefore a prerequisite that solution providers acquire a granular understanding of the industry's needs in order to develop bespoke solutions that are critical to winning new business.

Position yourself as an industry expert amongst the most prominent and influential players within AI, data processing and advanced analytics. The Smart Manufacturing for Pharma Virtual Summit will offer maximum coverage and exposure to a highly engaged and motivated audience, providing a hugely exciting opportunity and platform for you to effectively position your brand whilst highlighting your capabilities to a Global audience.

What will you receive as part of sponsorship package?

- A one hour closed door roundtable facilitation role with fully qualified delegates where you will moderate the discussion with qualified panellists

- 30-minute virtual presentation with both audio and visual content which is broadcast to a live audience within your target demographic, promoting thought leadership and generating quality leads

- The opportunity to establish contact with qualified budget holders prior to the event to optimize the discussion and ensure you topic is aligned and your time optimized

- Thought leadership and brand awareness

We welcome the opportunity to discuss various options in more detail.

For further information please get in touch.

Simon Wright
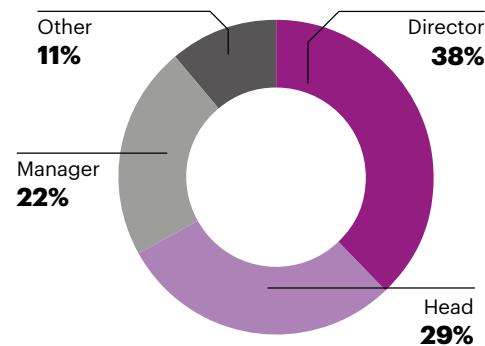CEO, AMG World
E: simon.wright@amg-world.co.uk
T: +44 7734 666 249

> " We were very impressed with the organization your team did to organize such an important event at a critical location for business development.
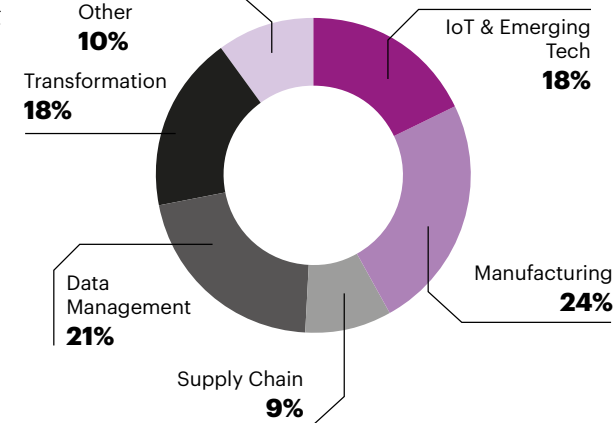>
> **– Siemens, West Coast 2022 Sponsor**

Past Attendee Profile

Seniority:

- Director **38%**
- Head **29%**
- Manager **22%**
- Other **11%**

Job Profiles:

- IoT & Emerging Tech **18%**
- Manufacturing **24%**
- Supply Chain **9%**
- Data Management **21%**
- Transformation **18%**
- Other **10%**

Organizations included:

AMGEN · MERCK · AstraZeneca · Boehringer Ingelheim

SANOFI · BAYER · Pfizer · Roche · gsk · Janssen · novo nordisk

GILEAD · Lilly · NOVARTIS · abbvie · Bristol-Myers Squibb

Biogen · SANDOZ A Novartis Division · Allergan · teva

Agenda / Wednesday 16 November 2022

08:30 PT	**Virtual Exhibition and Networking**

08:55 PT	**Opening Remarks** **Emily Donohoe,** Conference Director, **AMG World**

09:00 PT	**Real-Time Modelling Systems for Pharma Manufacturing** ● Leveraging digital tools to predict how automation will behave and visualise facility constraints ● Applying AI to accommodate variability, optimize the manufacturing process and unlock capacity ● Collecting and analyzing useful data from across the organization to build an accurate model of the process ● Use cases, metrics to measure success and results **Henny Hampton**, Business Lead for Data & Digital Solutions (Associate Director, Engineering), **Merck**

09:35 PT	**Accelerating Scientific Discovery through True Digital Transformation** ● Highlighting the crucial elements of digital transformation for scientific laboratories and the need for scalable and compliant infrastructure platforms ● Protecting your investments by modernizing and universally connecting lab instruments, software and applications ● Accelerating science and reducing time in the laboratory through data-driven insight in process design and technology transfer **Geoff Gerhardt,** Chief Technology **Officer, Scitara**

10:05 PT	**Networking Break and Virtual Exhibition**

10:35 PT	**Industrial IoT for Sustainability: Reducing the Environmental Impact** ● How can IIoT Help with environmental monitoring? ● Implementing IoT devices to cut costs, extend life of machines and achieve environmental targets ● Uses of IoT for sustainability: Asset control, fleet and supply chain management, intelligent waste management and emissions monitoring ● Creating a sustainability roadmap that leverages IoT and emerging technology **Steven Driver,** Global Energy Program Director, Principle Engineer, **Sanofi**

11:10 PT **PANEL DISCUSSION**	**The Future of Pharma Manufacturing and Industry 4.0** There is a myriad of new technology like edge computing and 5G, IoT tracking sensors, and predictive maintenance shaping the way enterprises manage and run their manufacturing operations. This panel discussion will discuss how IoT leaders can plan and prepare for emerging technology and ensure they can effectively plan, implement and scale new technologies. ● How far has IoT in pharma manufacturing come, how is it currently being leveraged and how far does IoT have to go? ● What can the industry do to increase the adoption of IoT in the Pharma Manufacturing sector? ● How are other sectors leveraging IoT and emerging technology and what are the lessons for pharma? ● What specific technologies and innovations are paving the way for plant and factory floors, smart supply chains, and advanced robotics to supercharge growth and efficiency in manufacturing ● What are the most important considerations when planning both greenfield and brownfield sites? ● How can we overcome challenges with IT and OT convergence? **Sultan Aziz,** Senior Director, Product Supply Strategy Management, **Johnson & Johnson** **Steven Driver,** Global Energy Program Director, Principle Engineer, **Sanofi** **Eric Sacia,** Principal Research Scientist, **AbbVie** **Bayan Takizawa,** Chief Business Officer, **Continuus Pharmaceuticals** **Adam O'toole,** Director, Enterprise Architecture Manufacturing & Engineering, **Novartis** **Scott Brown,** Architect, Connected Plant, **Andelyn Biosciences** **Daniel DeAlmeida,** Head of Product Management, **Scitara**

12:10 PT	**Networking Break and Virtual Exhibition**
12:40 PT	**Data Architecture for Pharma 4.0: Challenges and Strategies** **John Harrington,** Chief Product Officer, **HighByte**
13:15 PT	**Leveraging AI to Accelerate Regulatory Assessments** The Biopharma industry operates in a highly complex regulatory environment governed by 100+ global health agencies. Being a dynamic business, there are thousands of manufacturing change proposals generated annually that need to be individually assessed for reportability. Merck built an advanced AI knowledge engine which significantly reduced assessment time and manual labor while increasing consistency. • Utilizing advanced digital tools and technologies to address key business challenges • Creating strong partnerships across the business and IT to tackle transformational use cases • Adopting agile cultural elements to enable rapid product development and innovation **John Baker,** Executive Director, Manufacturing Data & Analytics, **Merck & Co., Inc.**
13:45 PT	**End of Conference**

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