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GIA Global Group
GROWTH
INNOVATION
AGILITY

SAVE THE DATE!

SMART FACTORY LEAGUE

29-30 SEPTEMBER

HAMBURG, GERMANY

THE MOST INTERACTIVE EVENT FOR MANUFACTURING PROFESSIONALS

MORE INFO & REGISTRATION

WWW.SMARTFACTORYLEAGUE.COM

AIRBUS FACTORY TOUR IS INCLUDED!

EVENT SPONSORS

BRAIN CUBE

ant

TOUR DATE & TIME:
28TH SEPTEMBER, 14.30-20.00

September **28**

AIRBUS PLANT TOUR
HAMBURG, GERMANY

On this tour you will see not only the A320 family but also, depending on production, production parts for wide-body aircraft such as the A330, A350 or the former production sites of the A380.

This is an exclusive tour for groups, which means our tour will not be filled with individual guests outside the event.

Date and time of the tour:
28th of September, 14.30-20.00

Please note that the number of tour tickets is limited.
Make sure to register in advance here

29-30 *September* HAMBURG, GERMANY

ABOUT THE EVENT

Even though Digitalization is in full spate as far as the eye can see, there is still a huge gap between companies which are using advantages of Industry 4.0 in their manufacturing processes and those that are willing to implement digital strategies and use them on a daily basis. It's hard not to get lost at all combinations of various technologies and amount of data.
Our Summit offers a platform for industry experts to share their experience, discuss current challenge, examine what the education sector should be doing to prepare future workers, consider how to recruit and retain a properly trained labor force, and explore the latest trends for Smart Factories to drive profitability and achieve optimum potential. Learn from the best and make your manufacturing even smarter!

KEY PRACTICAL LEARNING POINTS OF THE SUMMIT:

- Smart Manufacturing Supply Chain
- The future is now: Human-Robot collaboration in Industry 4.0
- How Artificial Intelligence will transform the industry
- Advanced Data Analytics for Smart Manufacturing
- What the education sector needs to know to support the labor needs of Smart Manufacturing
- Smart Manufacturing for a Connected World

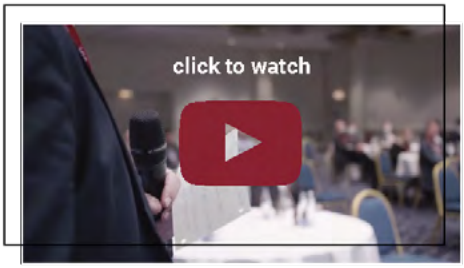
WHO SHOULD ATTEND

Manufacturing Directors, Investors, Chief Innovation/Technical Executives, Executive Directors, Vice Presidents, Heads, Team Leaders and Managers, R&D Directors, Education Policymakers, Education Sector Practioners of:

- Smart manufacturing
- Distributed Technologies: 3D
- IIoT
- Cognitive manufacturing
- Engineering
- Education Sector (both higher education and secondary education
- Big Data Analytics
- Machine Learning
- Artificial intelligence
- IT infrastructure
- Automation
- Process Mining
- Equipment & Sensor Retro Fitting
- Deep Learning
- Simulation
- R&D
- Robotics
- High-Performance Computing

From Industries such as

- Manufacturing
- Aviation & Aerospace
- Automotive
- Lifescience
- Information Technology and Services
- Industrial Automation
- Mechanical or Industrial Engineering
- Computer Software
- Engineering
- IT



CHECK HOW IT WAS LAST YEAR:
https://www.youtube.com/watch?v=yCSDLjupJps

EXPECTED SPEAKERS:

Dr Byron Ernest
Founder
Leadery Global

Peter Seitel
Director Electronics
DOD Services
Merck KGaA

Uwe Kueppers
Manager Consulting Service, EMEA at Kalypso
Chairman EMEA at MESA International

Tarun Rana
Senior Manager
Henkel

Roberto Napione
Knowledge Area Manager Manufacturing
SKF Group

Jesper Toubøl
VP Operations - Moulding Production
LEGO Group

Matthias Loskyll
Director Autonomous Factory and Industrial AI
Siemens AG

Joachim Hensch
CEO and Founder
Joachim Hensch Consulting

Ben Horn
Digital Transformation Director
Crystal Doors

Dr.-Ing. Thomas Usländer
Head of Department Information Management and Production Control (ILT)
Fraunhofer IOSB

Arjan de Bruin
Business Developer High Tech Systems & Materials
Horizon Flevoland

Egbert Stremmelaar
Innovation Manager
Innovat.ION

Gabriel Varachaud
Operations Transformation
TOLSON

Pierre Skapski
Head of Operations & Industry 4.0
TOLSON

Florian Fachetti
Head of Business Development
Braincube

EVENT SPONSORS:

MEDIA PARTNERS:

DAY 1 | 29 September

9.00

Registration and Welcome Coffee

9.20

Opening Address from the Chairperson

WHERE TO START?

9.30

Expert View

Industry 4.0, 5.0 X.0 - What's actually going on right now?

- What is Buzz and what is paying back – how to determine my personal use-case and why YouTube is not enough to learn from?
- Why do so many digital projects still fail to scale, like 75% according to Mc Kinsey studies?
- How do we implement more stakeholders into the equation without getting lost? Is that then then next industrial "Revolution" or just a version 4.1?

Joachim Hensch
CEO and Founder
Joachim Hensch Consulting

10.00

Case Study

Supply Chain & Logistics in chemical industry the context of quality and safety

- Process optimization on site
- Digitalization in production planning
- Masterplan Distribution

Peter Seitel
Director Electronics DOD Services
Merck KGaA

10.30

Case Study

Establishing the digital thread as a foundation for the Autonomous Factory

More and more companies are looking to achieve an autonomous factory based on several influencer like Political Turmoil, Supply Chain volatility, Labour cost and regulations, Aging & Evolving Workforce, Remote Work/Life Models etc but what the steps required to get there.

In this presentation we will cover the different levels auf Autonomy, how important is the digital thread as a foundation and what are important parts of the digital twin? Additional we will cover other important areas like the cybersecurity and sustainability as part of the a autonomous approach?

What are the challenges companies are facing and what is their maturity. Looking as well how a control tower concept and a close loop problem solving for continuous improvement will support companies in their step by step approach.

Uwe Kueppers
Manager Consulting Service, EMEA at Kalypso
Chairman EMEA at MESA International

11.10

Refreshments & Networking Break

DAY 1 | 29 September

HOW TO START?

11.50

Case Study

Digitalisation is the Answer to Transformational Challenges

- Understand LEGO group's rationale for embarking on a digital endeavor
- Witness the development of digital products for the shop floor
- Lean thinking still plays a vital role in the hunt for productivity and efficiency

Jesper Toubøl
VP Operations - Moulding Production
LEGO Group

12.30

Case Study

Maximize industrial data's value by the power of contextualization

Florian Fachetti
Head of Business Development
Braincube

13.00

Lunch

SMART USE OF TECHNOLOGIES

14.00

Case Study

The Autonomous Factory Designed By and For People - Discover the Role of AI and Their Suitability for Industrial Use

- Vision of the Autonomous Factory - smart and self-organizing production of the future
- Concrete use cases and projects from industrial customers and Siemens factories, which show measurable value of application of AI
- Challenges and learnings to make AI industrial-grade

Matthias Loskyll
Director Autonomous Factory and Industrial AI
Siemens AG

14.30

Case Study

Sustainable Manufacturing

- What are the main Sustainable Manufacturing objectives
- Which levers and actions
- How to build a sustainable manufacturing roadmap
- Example of some companies

Gabriel Varachaud
Operations Transformation
TOLSON

DAY 1 | 29 September

15:00

Panel Discussion

Current Perspective on Production Economies

MODERATOR:
Peter Seitel
Director Electronics DOD Services
Merck KGaA

Tarun Rana
Senior Manager
Henkel

Ben Horn
Digital Transformation Director
Crystal Doors

Pierre Skapski
Head of Operations & Industry 4.0
TOLSON

15:40

Refreshments & Networking Break 

16:15

Case Study

Smart Factory Powered by Big Data and Automation

- Henkel Digital Transformation journey
- Smart factory use-cases
- Digital Transformation strategy and governance

Tarun Rana
Senior Manager
Henkel

16:50

Case Study

From Big Data to Smart Data to Generate Events Prediction Models in Manufacturing

- How to use the data available to create a new decision model in manufacturing
- Use of AI and machine learning to predict events and performances in manufacturing
- Choose right data and mixing digital and manufacturing knowledge

Roberto Napione
Knowledge Area Manager Manufacturing
SKF Group

17:30

End of Day One & Cocktail Reception 

DAY 2 | 30 September

8.30

Registration and Welcome Coffee

8.50

Opening Address from the Chairperson

EDUCATION AND CULTURE

9.00

Case Study

Creating A Talent Pipeline That Meets Employer/Industry Demand Now And In The Future

- School work needs to look like real work
- The future of work and its implications for the future of talent development and education
- The intersection of business, industry, education, and policy
- Skills cannot be in abstract
- Talent mapping and the talent community
- Empowering people to be core actors in their career over time

Dr. Byron Ernest
Founder
Leadery Global

9.30

Panel Discussion

How to Build the Workspace You Need in Future?

MODERATOR:
Dr. Byron Ernest
Founder
Leadery Global

Egbert Stremmelaar
Innovation Manager
Innovat.ION

Uwe Kueppers
Manager Consulting Service, EMEA at Kalypso
Chairman EMEA at MESA International

Arjan de Bruin
Business Developer
High Tech Systems & Materials
Horizon Flevoland

Dr.-Ing. Thomas Usländer
Head of Department Information Management and Production Control (ILT)
Fraunhofer IOSB

10.10

Keynote

AI Systems Engineering – Interdisciplinary approach to make AI methods useable for application engineers

- AI methods should become dependable tools for application engineers
- Basic challenges to integrate AI methods (e.g. machine learning) into systems engineering
- Presentation of a Process Model for AI Systems Engineering (PAISE)
- Success stories and innovation chains based upon AI usage
- How to collaborate with the Competence Center on AI Systems Engineering (CC-KING)

Dr.-Ing. Thomas Usländer
Head of Department Information Management and Production Control (ILT)
Fraunhofer IOSB

DAY 2 | 30 September

10.50

Refreshments & Networking Break

11.30

Round Table

RT 1: Data Usage to the Rescue of Energy Efficiency

Florian Fachetti
Braincube

RT 2: Status of Your Digital Transformation: How Far Are You With Your Digital Thread From Product Creation, Development , Production , Selling and Distributing Considering All Aspects From Sustainability, Quality etc

Uwe Kueppers
Chairman EMEA at MESA International

RT 3: The Role of Standardisation in Smart Manufacturing - Opportunities, Challenges, and Future Directions

Peter Seitel
Merck KGaA

12.30

Case Study

Net Zero Smart Factories

- How we catapulted our business from imminent closure to national hero
- How to begin your digital and sustainability journey to champion financial success
- Explaining why digital transformation is essential to achieve net zero
- Can a factory be smart without being green?

Ben Horn
Digital Transformation Director
Crystal Doors

13.00

Case Study

How can a (Regional) Development Institute and/or an Industry Association 4.0 help to forfill your needs by creating a smart factory?

- Which entities are there to support you in your innovation and what are their characteristics?
- What are the preconditions for an innovation to succeed in your company?
- How do you handle confidential information?
- Who owns an innovation if you do it together?
- How do you organize the right project management to also get input from knowledge institutes and possibly even subsidies?

Of course, the possible answers to the questions are provided with relevant examples.

Arjan de Bruin
Business Developer High Tech Systems & Materials
Horizon Flevoland

Egbert Stremmelaar
Innovation Manager
Innovat.ION

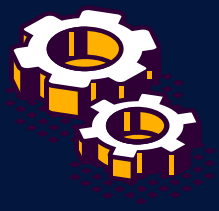
13.30

End of the Conference & Lunch

SMART FACTORY LEAGUE

ABOUT THE ORGANISER

GIA Global Group is a team of the experienced market research and event management professionals aiming to boost business intelligence with a focus on cyber security, data analytics and operational excellence.
Through the high quality international events gathering leading experts and senior level executives globally we strive to provide businesses with the best industry practices and help companies to grow and achieve commercial success.
Our mission is to bring the maximum value to improve your business strategy and operations empowered by growth, innovation and agility.



CONTACT FOR SPEAKING OPPORTUNITIES:

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