

AGENDA DAY 1

THURSDAY JUNE 8, 2017
Tuning In & Latest Facts

11.00

Opening of Check-In

12.00

Joint Lunch

13.00

Welcome and Introduction

Mette Walsted Vestergaard (Moderator)
Heinz Gassner (Founding Director - Smart Industry Forum)



Mette Walsted Vestergaard
Moderator

13.15

Keynote Speech: It's All About Data – It's All About People

Some industries have already gone through fundamental changes and manufacturing industry is now getting very close to the critical 'Inflection Point'. 'It's All About Data – It's All About People' is our formula for translating challenges into exciting new business-opportunities. Scott Klososky will elaborate why leadership must sit behind the steering wheel and why Digital Transformation as well as Digital Maturity need to be understood in a holistic way. At the end it is all about how humans and technology will interact. It is all about how we will work and earn our money in the future.

Scott Klososky (Future Point of View)



Scott Klososky
Partner
Future Point of View

14.00

Innovation Radar - New technologies that will change the industry

Exciting things are happening out there. Some of the latest technology inventions might dramatically influence our business models and the way we organize industrial manufacturing. We will have a joint look at our innovation radar – structured in a short, mid- and long-term perspective. We will examine the business-relevance of the Industrial Internet of Things (IIoT). We will look into latest robotics technologies, inline digital printing, WEB-based human-machine communication, augmented and virtual reality, autonomous control and artificial intelligence as well as on the new 5G-mobile communication standard. Besides other highlights, we will have an explicit investigation of the business-relevance of Blockchain – a potentially new 'mega-disruptor' appearing on the horizon.

Heinz Gassner (Founding Director - Smart Industry Forum)
Peter Fröhlich (DIT), Grimur Fjeldsted (Transform XO)



Heinz Gassner
Founding Director
Smart Industry Forum



Peter Fröhlich
Security Expert
Professor at
Deggendorf
Institute of
Technology



Grimur Fjeldsted
Chief Digital Officer
TRANSFORM XO

14.30

Innovation Radar - 3D Printing: Overestimated hype or big game changer?

Ingeborg and Greta will start out with explaining the very basics behind additive manufacturing in the different application areas. What can we already do today? What can we expect in the near future and what is in for us when this technology is finally mature? Our two experts will complement their technical presentation by adding a very practical view on the potential business value in different industries.

Ingeborg Rosenvinge (TwentySeven)
Greta D'Angelo (TwentySeven)



Ingeborg Rosenvinge
Head of R&D
TwentySeven, Part of Thürm
Group



Greta D'Angelo
Additive Manufacturing Specialist
TWENTYSEVEN

15.00

Coffee Break and Networking

15.30

Common grounds in different industries?**How to earn money with the digital transformation**

We will share practical experience and interesting visions from the perspective of different industries, from small companies to large organizations. Do we see similar challenges and opportunities? What can be learned from early adopters and frontrunners? Are the new business models actually helping us to earn money?

TRUMPF/AXOOM: Global market leader and digital front-runner

As a high-tech company, TRUMPF provides manufacturing solutions in the fields of machine tools, laser technology, and electronics. Even though coming from a proud industrial tradition, TRUMPF was one of the first to focus on utilizing new opportunities behind the digital transformation. Bastian Deck will provide us with exciting insights into business models, solution architectures, and field-experiences. We will learn, how TRUMPF and AXOOM see the future.

Bastian Deck (General Manager – Axiom Solutions)

**ALFA LAVAL: How process-optimizers see the future**

Alfa Laval is today a world leader within the key technology areas of heat transfer, separation and fluid handling. The company was founded more than 130 years ago, based on a single brilliant invention – and innovation remains at the heart of Alfa Laval's business future. This also explains, why Alfa Laval was among the first to examine the potential of predictive maintenance. Today, Alfa Laval approaches the digital transformation in a very pragmatic way by investigating and implementing elements of new business models in small and agile steps.

Jan Ackalin (Head of Automation Development at Alfa Laval)

**CLIMEON: Sustainability & digital transformation for a better world**

'Business for a better world' is ClimeOn's corporate slogan. As a successful startup-company, ClimeOn's business is based on revolutionary inventions, allowing electricity-generation from wasted heat. From the very beginning, ClimeOn has utilized digitalization in product design, in product life-cycle management (ClimeOn-LIVE), for internal processes as well as for marketing and sales. Christopher will invite us to take a short glance at ClimeOn's exciting business activities. We will learn about past experiences, current status and about ClimeOn expectations for the future. Christopher will also blend in exciting digital transformation-learnings derived from 150 of the biggest tech-companies in the world.

Christopher Engman (CRO/CMO ClimeOn)

**PACKSIZE: The potential of On Demand Packaging**

Packsize® On Demand Packaging® ensures that every product can ship in the smallest box possible. Custom packaging solutions save valuable time, money and the environment. Hanko Kiessner will explain Packsize's innovative business-model and what this could mean for optimizing your packaging and shipment processes.

Hanko Kiessner (CEO Packsize)

**THÜRMER TOOLS: Navigating traditional family-business through the digital transformation**

Erick Thürmer is the great-grandson and fourth generation in the thread cutting business. He is the founder of Thurmer.com and established the company with the intention to rethink the business-model and secure the continued production of high quality thread cutting tools, which the family has represented for over 100 years. Erick Thürmer does this by pioneering with promising new technologies, by redesigning historic processes and by gathering most innovative people. Be inspired.

Erick Thürmer (CEO Thürmer Tools)

**Podium Discussion**

Moderators: Mette Walsted Vestergaard and Ole Würtz (BDO)



17.30

Podium Discussion: What added value can industry-organizations and non-profit networks provide?

Smart Industry is about technology – but more than that it is about new ways of doing our business. It is about creating new eco-systems. This cannot be done by isolated players and this will not fly without international standardization and cooperation. We will investigate what role international, regional, national and local initiatives can play in this field for adding value to industry and society.

Moderators:

Mette Walsted Vestergaard



Mette Walsted Vestergaard



Oliver Winzenried
Security Working Group - IIC
VDMA/BITKOM/CEO of WIBU



Heinz Gassner
Founding Director
Smart Industry Forum



Nigel Edmonson
Managing Director
Manufacturing Academy of
Denmark



Mikkel Christoffersen
Business Manager
Odense Robotics



Johan Mårtensson
CEO
Packbridge

18.00

Keynote Speech: Adapt or die – How to successfully navigate disruption

For almost 10 years Dietmar Dahmen lectured disruptive advertising at the Film-Academy Baden Württemberg in Germany, winning 16 times gold and silver awards with his students at the Young Directors Awards in Cannes. Today Dietmar works independently as a professional speaker and consultant for change, innovation and disruptive market strategies with global clients and world wide engagements. Dietmar explains why you as a leader must be “the captains of your boat”.

Dietmar Dahmen (Creative consultant, visionary, Futurist, Innovation Expert)



Dietmar Dahmen
Futurist

19.00

Joint Dinner

08.00

Keynote Speech:**It's All About Data – From Bits and Bytes to Business Value**

One of the main drivers behind the Fourth Industrial Revolution is commonly called the 'Digital Transformation'. Behind this concept lies the challenge to generate data all along a product's life-cycle, along a company's value-chain and across the entire business-eco-system. This creates our so-called Big Data. The secret is now to adapt our way of working, so that these bits and bytes are actually helping us in creating real business value, e.g. by implementing highly flexible mass-customization. Frank Piller will invite us to take a joint look at today's best practice and will outline upcoming challenges and opportunities.

Frank Piller (RWTH Aachen University)



Frank Piller
Professor
RWTH Aachen University

08.30

Creating Data, Enabling Flexibility
**How to generate data and manage our installed-base
How to create modular and scalable solution platforms**

First steps towards Industry 4.0 can be taken by simply collecting data from our existing installed-base, our so-called 'brownfield'. But: Industry 4.0 goes far beyond that. Based on valid Reference Architecture Models, we need to think about an interlinked tool-chain and about a complete remote management of our delivered machines and equipment. This requires Smart Tools and Smart Components. The resulting Smart Machines and Smart Factories are the prerequisite for future profitability and for enabling our data- or software-driven business models. Patric and Robert will guide us through little differences that make a big difference. Find out what you need to understand and consider from management perspective, when evaluating future-proof automation technologies.

Patric Thysell (Key-Technology Consultant at B&R)
Robert Kickinger (Mechatronic Solutions Manager at B&R)



Patric Thysell
Automation Architect
B&R Automation



Robert Kickinger
Mechatronic Technologies Manager
B&R Automation

09.00

Getting Connected 1**Why we will need worldwide standards – and how do we get there.**

The convergence of information and operational technologies brings many technical and cultural components together in unexpected ways. The stack is deep, and the cultural divides wide. If we are to make industry smart, we'll need to understand industrial requirements that differ from consumer IoT. We'll need to a) build architectural and security frameworks that help developers directly, b) guide the standards-development process c) educate senior management on risks and new ways of doing business d) test our ideas quickly and easily, e) manage supply and value chains across the globe. And that's just the start! Stephen's presentation will outline what is available today and how testbeds are accelerating the process. We then explore what is needed further.

Stephen Mellor (IIC – Industrial Internet Consortium)



Stephen Mellor
Chief Technical Officer
Industrial Internet Consortium

09.30

Getting Connected 2**Emerging open standards from sensor to cloud.**

First challenge is to get our existing machines and factories connected. In parallel, we need to work of the open communication standards of the future. We need to get out of the trap of suffering from 30-50 vendor-specific solutions in industrial data communication. IT has shown since many years that this can be done. Decision makers, even if they are not technical experts, will need to understand the ideas behind new acronyms like OPC-UA, TSN, MQTT/AMQP, open safety protocols as well as emerging industry standards like PackML. Our experts will explain this in clear and value-oriented language.

Sebastian Sachse (Open Automation, B&R), Henrik Vikberg (CISCO), John Kowal (OMAC)



Sebastian Sachse
Head of Technology Marketing
Open Automation



Henrik Vikberg
Executive Advisor
CISCO



John Kowal
Board Member
Organization for Machine
Automation & Control (OMAC)

10:00

Challenges Ahead**How to master data security, data ownership and IP-protection**

Retrieving data and remotely managing our technical equipment is a must when looking at smart industry architectures. New standards are emerging which will allow for secure communication between sensors, actuators, machines, machine lines, and intelligent cloud connectivity (edge) devices. Find out about secure remote connectivity solutions and new approaches to ensure privacy, data ownership, and the protection of your intellectual property. Oliver Winzenried will provide us with a glance at technologies, which are enabling us to develop exciting software- and data-driven business models.

Oliver Winzenried (WIBU)



Oliver Winzenried
Security Working Group - IIC
VDMA/BITKOM/CEO of WIBU

10.30

Coffee Break and Networking

11.00

Creating Business Value**The power of data analytics**

Seth DeLand will guide us through the fascinating world of data analytics. Based on new technologies we are able to create business value out of the countless bits and bytes, which are representing our big data. This opens the doors exciting new worlds of 'predictive maintenance', autonomous control and artificial intelligence. This will revolutionize the way we approach commissioning, maintenance and service as well as the autonomous performance- and quality tuning of our industrial processes. Seth will present powerful technology innovations for your future predictive maintenance solution.

Seth DeLand (The MathWorks)



Seth DeLand
Product Manager for Data Analytics
The MathWorks

11.30

Smart Ecosystems for our Digital Future**How ABB Ability can enhance your digital capabilities**

In order to benefit from the Digital Transformation, we will need to create smart eco-systems throughout all areas of industry. Isolated approaches will no longer be sufficient. In close cooperation with Microsoft AZURE and IBM Watson, ABB is creating an exciting platform consisting of digital technologies, smart processes and skilled people. This platform can be seen as a fundament for integrating digital capabilities across manufacturing industry, logistics, transportation, infrastructure and the energy sector. Per will provide us with a first glance on the current benefits and on the future enhancements of ABB Ability.

Per Larsen (ABB Denmark)



Per Larsen
Technology Director
ABB Denmark

12.00

Joint Lunch

13.00

Latest Facts: Are we ready for the digital transformation?

Rainer Glatz (VDMA) will provide the lead-over from 'data' to the 'people factor' by introducing us to a recent German study. What we will see here is the general picture that we need to be very careful when it comes to the digital transformation. Without a deep focus on our human resources, we are in danger of running into a dead-end-road – within individual companies but also on social and political level. We simply need to make sure that human beings are put into the center of the upcoming changes.

Rainer Glatz (VDMA)



Rainer Glatz
Geschäftsführer
VDMA

13.30

Digital Transformation and 'The People Factor'**How to future-prove our people and our organizations**

Companies today are facing tremendous disruptive pressure. This pressure requires massive change. Successful digital transformation is about culture, mindset and empowering people. Based on this, organizations are able to embrace outside challenges as an opportunity for growth and innovation. The presentation will outline how companies can approach digital transformation and innovation from a people and process perspective. This can be done by aligning organizational structures, adopting new mindsets and by implementing new ways of thinking and working.

Grimur Fjeldsted (Transform XO)



Grimur Fjeldsted
Chief Digital Officer
TRANSFORM XO

14.00

The Power of Cooperation**How complexity forces us to rethink industrial paradigms**

Smart Industry or Industry 4.0 cannot boil down to "business-as-usual" with some IT in the soup: this is what has gone on for at least a couple of decades, with mixed results. Technology is developing fast, while companies compete on globalizing markets and in highly volatile business environments. In order to handle the resulting complexity profitably organizations need to tear down old 'information silos' and bridge historic chasms. After all Industry 4.0 has to do with interconnection. But there is more: new organizational forms, with different power structures, need emerge. Different relationship models need be forged, within and beyond the company borders. What was yesterday's supplier will be tomorrow's 'Key-Technology Partner'. What was yesterday's product-portfolio might become tomorrow's open platform ecosystem. Employees and management will experience brand new relationships and ways to share power. Only then the 4th Industrial Revolution will be achieved.

Federico Fioretto (Strategic Sustainability and Leadership Trainer & Consultant)



Federico Fioretto
Leadership, Strategic Sustainability
& Conflict Transformation Trainer &
Consultant
Federico Fioretto

14.30

Closing Speech & Next Steps**From Digital Maturity Assessment to your Digitalization Masterplan**

Most companies are recognizing that they need to do something about 'The Digital Transformation', but leadership and decision makers typically do not have a clear enough overview for triggering structured actions. As a result we see a lot of consultants arriving on the scene. Technology- or tool investments are made without alignment to changing business processes and to mindset and skills of the involved people. This is bound to fail. Scott Klososky will introduce us to a systematic 'Digital Maturity Assessment'. This assessment delivers the required inputs for establishing a holistic, leadership-driven migration masterplan.

Scott Klososky (Future Point of View)



Scott Klososky
Partner
Future Point of View

15.00

End of Summit