



CESIS – Global Internet of Things

Tuesday, February 20, 2018 / 1st Day of Congress



08:30 Registration and welcome coffee

Plenary Session

10:00 **Chair's welcome and opening address**

Dr. Richard Soley, Chairman and CEO, Object Management Group & Executive Director, Industrial Internet Consortium, USA

10:15 **Cyborgs & Robots with biological Brains**

Prof. em. Kevin Warwick, Cyborg & Deputy Vice-Chancellor (Research), Coventry University, UK

10:45 **Potential new Realities in Healthcare & Education: How AR & Mixed Reality are disrupting Paradigms in Medicine**

Dr. Rafael J. Grossmann, MD, FACS, Singularity University & Surgeon, USA

11:15 **Panel Discussion: Boosting Disruptions: How AI and Robotics will enable the full Promise of the Industrial Internet of Things**

Moderator: **Dr. Richard Soley** (IIC)

Panelist: **Prof. em. Kevin Warwick** (Coventry University), **Dr. Rafael J. Grossmann**, (Singularity University), **Mats Lindell** (Toyota Material Handling), **Patrice Slupowski** (Orange)

12:15 **Networking & lunch**

Track 1:

New Value Creation Networks

Moderator: **Christopher Bouveret**, Chief Innovation Officer, iTiZZiMo AG, Germany

Track 2:

Standards & Security

Moderator: **Duke Golden**, Strategic Accounts Manager, Kaspersky Lab, Germany

13:45 **IoT Value Networks – Building sustainable Partnerships**

Veronika Brandt, Head of IoT Business Consulting, Bosch Software Innovations, Germany

Managing the coming Disruption from Industrial IoT: Defining Best Practices & Standards

Dr. Richard Soley, Chairman and CEO, Object Management Group & Executive Director, Industrial Internet Consortium, USA

14:15 **KSB Pump-Monitoring - From strategic Ideation to Market Testing**

Frank Deburba, Infront-Consulting and Dr. Thomas Paulus, Head of Program Digital Office & Startup-Industry 4.0, KSB, Germany

IoT Security: A first Principles Viewpoint

Vangelis Gazis, Chief Architect Security Internet of Things, Huawei, Germany

14:45 **Value creating Networks in Intralogistics**

Mats Lindell, Director Logistics Solutions, Toyota Material Handling, Germany

How to become Trustworthy: A path forward

Robert Martin, Senior Principal Secure Software & Technology Engineer, MITRE Corporation, USA

15:15 **Networking & coffee break**

Track 1:

New Value Creation Networks

Moderator: **Christopher Bouveret**, Chief Innovation Officer, iTiZZiMo AG, Germany

Track 2:

AI and Bots Transforming major Industries

Moderator: **Arnd Simon**, Senior Director, Worldwide Digital Advisors, Microsoft Corporation, Germany

15:45 **Why Corporates need to collaborate with Start Ups? Best Practices & Success Stories of Corporate & Start Up Collaboration**

Juho Vuorio, Digital Innovation Manager Robotics and Motion, Drives, ABB, Finland

Improving Non-Destructive Testing (NDT) with Neural Networks

Dr. Bernd Kosch, FUJITSU Fellow, Program Director Industry 4.0, Technology Office – EMEA, FUJITSU, Germany

16:15 **How Blockchain will fundamentally disrupt the Way we do Business**

John McLean, VP Global Blockchain Labs Engagement, IBM UK Ltd., UK

Moving Machine Learning into Business Processes – Quick and easy

Dr. Katrin Botzen, Head of Advanced Analytics, 5Analytics, Germany

16:45 **Making Sense of Internet of Things Platforms**

Brett May, Chief Operating Officer, IoT Practice, McKinsey & Company, USA

Social Data – The World's largest Focus Group.

Joe Rice, Data & Enterprise Solutions, EMEA, Twitter, UK

17:15 **IoT Circles**

17:30 **Evening reception**

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CESIS – Global Internet of Things



Wednesday, February 21, 2018 / 2nd Day of Congress

Plenary Session

- 08:50 Chair's welcome and opening address**
Christian Gülpen, Director Digitalization / Industry 4.0, Technology and Innovation Management Group, RWTH Aachen University, Germany
- 09:00 AI and IIoT – Translating Hype into Action**
Paul Brook, Director Data Analytics EMEA, Dell EMC, UK
- 09:30 Having Fun with Data?**
Thomas Frommel, Senior Data Analyst
- 10:00 Networking & coffee break**

10:30 World Café Session

Enter open and innovative Discussions – Topics in these Areas will be covered:

- **Chances and Challenges in building AI solutions**
Jörg Bienert, Managing Director, aiso-lab GmbH
- **Start Ups – Buy up or do it yourself?**
Hugo Hanselmann, CEO, B-Sprouts, Belgium
- **Necessary Infrastructure for enabling IIoT in your Market**
Dr.-Ing. Attila M. Bilgic, Chief Technical Officer, KROHNE Group
- **The Digital Factory – Generate Value within production by leveraging AR Technologies and Wearables**
Christopher Bouveret, Chief Innovation Officer, iTiZZiMo AG, Germany

12:00 Networking & lunch

Track 1: Digital Transformation and Cultural Change

Moderator: **Hugo Hanselmann**, CEO, B-Sprouts, Belgium

- 13:00 Successful Business Models for Industry 4.0 and IIoT**
Jan Rodig, CEO, tresmo GmbH, Germany
- 13:30 Digitization in an Energy Company**
Dr.-Ing. Stephan van Aaken, VP Asset IT – Architecture & Optimization, Uniper, Germany
- 14:00 Enabling People for Digitization**
Steffi Michailowa, Project Leader, ABB Trainingscenter, Germany

Track 2: IIoT Transforming major Industries

Moderator: **Patrick Johnson**, M.A., Co-Founder, Rock Paper Reality, USA

- Digital Transformation in the Process Industry – A practical Overview**
Dr.-Ing. Karsten Keller, Director, Technology Innovation & Improvement Management, Nitto Denko AVECIA Inc., USA
- Digital Twins transforming industrial Manufacturing**
Dr. Joseph J. Salvo, Director and Founder of the Industrial Internet Consortium and Director Global Research, GE Global Research, USA
- The Paradigm Shift of Automotive in the IIoT World and a practical Example of IIoT Application to the Automotive Business**
Massimiliano Melis, Controls Business Process Manager, General Motors, Italy

14:30 Networking & coffee break

Plenary Session

- 15:00 Inspiration from the Brain on digital Transformation and Organization Culture**
Yuval Dvir, Head of EMEA Online Partnerships, Google, UK
- 15:30 Panel Discussion – Change Management & the Future of Work**
Moderator: **Christian Gülpen** (RWTH Aachen)
Panelists: **Dr.-Ing. Stephan van Aaken** (Uniper), **Yuval Dvir** (Google), **Steffi Michailowa** (ABB), **Jan Rodig** (tresmo)
- 16:15 Chair's summary and closing words**
- 16:30 End of the congress**

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