

ANSI American National Standards Institute
DIN German Institute for Standardization
DKE German Commission for Electrical,
Electronic & Information Technologies of DIN
and VDE



2018-04-05



**“Securing Future Technologies – Cybersecurity and other Challenges
and solutions for Smart Manufacturing, Mobility, and Agriculture”
April 9th – 11th, 2018**

Agenda

April 9th
18:30

Welcome dinner (by invitation only)
Darlington House
1610 20th St NW, Washington, DC 20009

Address: Dr. Thomas Zielke, Head of Division responsible for Technology Transfer via standardization and patents, General issues of standardization and patent policy, Federal Ministry for Economic Affairs and Energy (BMWi)

April 10th

Venue
FHI 360 Conference Center
Academy Hall
1825 Connecticut Avenue NW
Washington, D. C.

Registrations opens at 8:15, Breakfast will be available

9:00

Welcome address
Joe Bhatia, President and CEO, ANSI

Welcome address
Christopher Winterhalter, Chairman of the Executive Board, DIN

Welcome address
Thomas Sentko, Standards Manager International, DKE

9:15

Keynote Speech: Deloitte Technology Trend Study
Scott Buchholz, Chief Technology Officer for the Deloitte Federal division of Deloitte Consulting, LLP

9:45 1. Short Presentations and Q&A: Approaches to Cybersecurity
Moderator: Sibylle Gabler, Head of Government Relations, DIN

The NIST Cybersecurity Framework

Adam Sedgewick, Senior IT Policy Advisor, Information Technology Laboratory, NIST

European Regulation on Cybersecurity and Data Protection

Peter Fatelnig, Minister-Counsellor for Digital Economy Policy, Trade & Agriculture Section, Delegation of the European Union to the United States of America

International Legal Regulation of Cybersecurity

Dr. Dennis-Kenji Kipker, Scientific Managing Director, University of Bremen

11:15 Coffee Break

11:45 2. Breakout Sessions

3.1 Smart Manufacturing

(Organizer Germany: Volker Jacumeit/ Organizer U.S.: Tony Zertuche)

Moderator: Alec McMillan, IEC SEG 7 on Smart Manufacturing Co-Convenor

The role of Smart Contracts in smart production-blockchains for mass transactions: Standardization of interfaces for Blockchain-like sensor networks within (I)IoT systems

Prof. Dr. Volker Skwarek, Professor for technical computer science at the Hamburg University of Applied Sciences (HAW)

The Reference Architectural Model RAMI 4.0 and Standardization Council as an element of success for Industry 4.0

Dr. Jens Gayko, Head of Standardization Council Industry 4.0, VDE

Cybersecurity in Smart Manufacturing

Keith A. Stouffer, Cybersecurity for Smart Manufacturing Systems Project Leader, NIST

Smart Manufacturing & Cyber Security: Foundational Standards Evolving with Learning Machines

Bradley D. Taylor, D.Sc., Visiting Assistant Professor, Electrical Engineering and Computer Science Department, School of Engineering, The Catholic University of America

2.2. Smart Mobility

(Organizer Germany: Thomas Sentko/ Organizer U.S.: Jessica Roop)

Moderator: Steven Sill, Intelligent Transportation Systems (ITS) Architecture and Standards Program Manager, ITS Joint Program Office (JPO), U.S. Department of Transportation

Interoperable Integration of ADS and Smart Mobility into the Transportation System

Steven Sill, Intelligent Transportation Systems (ITS) Architecture and Standards Program Manager, ITS Joint Program Office (JPO), U.S. Department of Transportation

Cybersecurity for Emobility-System in World Wide Standardization
Stephan Voit, Senior Manager eMobility, Innogy SE

IT security aspects of E-mobility
Thomas Sentko, Standards Manager International, DKE

The U.S. Intelligent Transportation Systems (ITS)
Tom Lusco, Senior Systems Engineer at Iteris, Inc.

Cybersecurity and privacy in connected vehicle environments
Ellen Nadeau, Privacy Risk Strategist, NIST

Blockchain in Smart Mobility
Matthias Kuom, Program Manager at the German Aerospace Center (DLR)

Commercial Vehicles, Telemation & Additional Mobile Machinery – Security Threats
Holger Zeltwanger, Technical Manager at CAN in Automation (CiA)

Charging Network Cybersecurity: status quo and future challenges
Craig Rodine, Director of Standards, ChargePoint, Inc.

3.3 Smart Agriculture
(Organizer U.S.: Steven Cornish)

Moderator: Dorothee Töreki, Digitization Advisor, IBM Cognitive Collaboration and Talent Solutions

Smart Agriculture – A view in the future
Dorothee Töreki, Digitization Advisor, IBM Cognitive Collaboration and Talent Solutions

Standardization in Smart Agriculture – the process already started
Rüdiger Marquardt, Member of the Executive Board, DIN

Cybersecurity in Smart Agriculture
Britt Kritzler, Digital Transformation & Open Innovation Consultant, Kritzler Consulting Ltd.

Connected Farm = Smart Farm
Nick Tindall, Senior Director of Government and Industry Affairs for the Association of Equipment Manufacturers (AEM)

Farming 4.0 delivers basic data for the future transport food chain – 365FarmNet concept an European example
Klaus-Herbert Rolf, Governmental Affairs Manager, 365FarmNet Group

Keynote Input
Timothy West, Manager, Enterprise Engineering Standards, Deere & Co.

13:00 Lunch

14:00 Continued Breakout Sessions

16:30 Close of the Breakout Sessions

19:30 Reception and Dinner (by invitation only)
Teddy & The Bully Bar 1200 19th Street NW, Washington, DC

Address: Otto Graf, Counselor for Development, World Bank, IDB
Embassy of the Federal Republic of Germany

April 11th

8:30 Cybersecurity in Smart Manufacturing, Smart Mobility and Smart Agriculture – Reports from the Breakout Sessions

Smart Manufacturing: Alec McMillan

Smart Mobility: Steven Sill

Smart Agriculture: Dorothee Töreki

09:30 Open Discussion: Next steps and transatlantic cooperation in the standardization of Smart Manufacturing, Smart Mobility and Smart Agriculture
Moderator: Joseph Tretler, Vice President for International Policy, ANSI

10:30 Coffee Break

10:45 Presentation and Panel Discussion: Standard Development Organizations and Conformity Assessment in Cybersecurity
Moderator: Gordon Gillerman, Director Standards Coordination Office, NIST

You like potato and I like potato

Miguel Bañón, Managing Director at Epoche & Espri – a DEKRA company,
DEKRA e.V.

Security is the New Safety

Ingo M. Rübenach, Vice President, Central, East & South Europe, Underwriters
Laboratories (UL)
Sonya Bird, International Standards Manager, Underwriters Laboratories (UL)

Panelist: Christoph Winterhalter, Chairman of the Executive Board, DIN

Panelist: Dr. Jens Gayko, Head of Standardization Council Industry 4.0, VDE

11:45 Closing remarks
Joe Bhatia, President and CEO, ANSI

Christoph Winterhalter, Chairman of the Executive Board, DIN

Thomas Sentko, Standards Manager International, DKE

12:00 Close of the U.S.-German Standards Panel