

# 1. Sitzung der OPC UA Arbeitskreise des VDMA



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Zentrale Koordination Interoperabilität – OPC UA  
Industrie 4.0 Standardization / Interoperability

VDMA Forum Industrie 4.0

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# VDMA represents the broad manufacturer industry

## VDMA has more than 3200 member companies



- » Agricultural Machinery
- » Air Conditioning and Ventilation
- » Air Pollution Control
- » Air-handling Technology
- » Building Control and Management
- » Cleaning Systems
- » Compressors, Compressed Air and Vacuum Technology
- » Construction Equipment and Building Material Machines
- » Drying Technology
- » Electrical Automation
- » Electronics, Micro and Nano Technologies
- » Engine Systems for Power and Heat Generation
- » Engines and Systems

- » Fire Fighting Equipment
- » Fluid Power
- » Food Processing Machinery and Packaging Machinery
- » Foundry Machinery
- » Gas Welding
- » Glass Technology
- » Hydro Power
- » Integrated Assembly Solutions
- » Large Industrial Plant Manufacturing
- » Lifts and Escalators
- » Machine Tools and Manufacturing Systems
- » Machine Vision
- » Materials Handling and Intralogistics
- » Measuring and Testing Technology

- » Metallurgical Plants and Rolling Mills
- » Metallurgy
- » Micro Technologies
- » Mining
- » Plastics and Rubber Machinery
- » Power Systems
- » Power Transmission Engineering
- » Precision Tools
- » Printing and Paper Technology
- » Process Plant and Equipment
- » Productronic
- » Pumps + Systems
- » Refrigeration and Heat Pump Technology
- » Robotics
- » Robotics + Automation

- » Security Systems
- » Software and Digitization
- » Surface Treatment Technology
- » Textile Care, Fabric and Leather Technology
- » Textile Machinery
- » Thermal Turbines and Power Plants
- » Thermo Process Technology
- » Valves
- » Waste Treatment and Recycling
- » Wind Energy
- » Woodworking Machinery

- » OPC UA CS Release (Candidate)
- » OPC UA CS under development
- » OPC UA not accepted
- » Awareness existent

Moderation: Andreas Faath, VDMA-Forum Industrie 4.0

- 10:00 Uhr **Begrüßung**  
Andreas Faath, VDMA-Forum Industrie 4.0
- 10:20 Uhr **OPC UA als weltweiter Kommunikationsstandard**  
Stefan Hoppe, OPC Foundation
- 10:50 Uhr **OPC UA Aktuelles: 5G, Safety, Echtzeitfähigkeit (TSN)**  
Stefan Hoppe, OPC Foundation
- 11:05 Uhr **OPC UA Publisher Subscriber Spezifikation**  
Dr. Wolfgang Mahnke, Unified Automation GmbH
- 11:30 Uhr **Kaffeepause**
- 12:00 Uhr **Security in OPC UA**  
Carsten Angeli, KUKA Deutschland GmbH
- 12:30 Uhr **OPC-UA for Devices (DI)**  
Dr. Wolfgang Mahnke, Unified Automation GmbH
- 12:50 Uhr **Testbeds für OPC UA und Companion Specifications**  
Heinrich Munz, KUKA Aktiengesellschaft  
Dr. Dominik Rohrmus, Labs Network Industrie 4.0
- 13:10 Uhr **Mittagessen**
- 14:15 Uhr **Diskussion und Erfahrungsaustausch**  
Experten des Vormittags, Arbeitskreis Robotik,  
Arbeitskreis Kunststoff- und Gummimaschinen
- 15:00 Uhr **Kaffeepause**
- 15:30 Uhr **Diskussion und Erfahrungsaustausch**  
Experten des Vormittags, Arbeitskreis Industrielle Bildverarbeitung  
(IBV), Arbeitskreis Metallurgie, Arbeitskreis Werkzeugmaschinen (VDW)
- 16:15 Uhr **Ende der Veranstaltung**



## Erfahrungsaustausch am Nachmittag

14:15 Raum 5 Robotik

Raum 6 KuG

15:30 Raum 5 IBV

Raum 6 Metallurgie

Raum 1 VDW