



automatica 2018

IFR CEO Round Table 2018

Digital Transformation
Technology
Artificial Intelligence
Markets and Industrie
Restaurant Turmblick

Speaker

Organiser

IFR - International Federation of Robotics

Further information

Event description

World Robotics International CEO Round Table 2018 - Robots and AI: Vision and Reality
World Robotics International CEO Round Table 2018

International Federation of Robotics, automatica Munich, 20th June

Robots and AI: Vision and Reality

Frankfurt, Munich, 31th May 2018 - By 2020 more than 3 million industrial robots will be in use in factories around the world. The new World Robotics Survey 2018 statistical data released at the CEO Round Table in Munich will give a breaking news insight on how the global change progresses.

Three CEO's from FANUC, KUKA and ABB will discuss with a robot expert from DHL and

Professor Siciliano on robots and AI - vision and reality at the World Robotics CEO Round Table 2018 hosted by the International Federation of Robotics (IFR) at the automatica in Munich, 20th June 2018 (09:15 am to 11:15 am).

Robot suppliers

- Dr. Kiyonori Inaba, FANUC CORPORATION, Director Executive Managing Officer, General Manager, ROBOT Business Division, Japan

- Stefan Lampa, KUKA ROBOTER, CEO Germany

- Per Vegard Nerseth, ABB ROBOTICS, Group Senior Vice President, Switzerland

Robot user

- Markus Kueckelhaus, DHL, Vice President Innovation & Trend Research, Germany,

Academic

- Professor Dr. Bruno Siciliano, University of Naples Federico II, Italy

are looking forward to welcoming you to the ensuing discussion.

Moderator

- Ken Fouhy, Editor in Chief, VDI Nachrichten

Agenda overview:

- Preview on new data World Robotics Industrial Robots 2018 by IFR President Junji Tsuda

- Discussion on “Robots and AI: Vision and Reality”

- Q&A

- Personal interviews with the panelists (optional)

- Get together

For your free press registration please contact Carsten Heer:

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Press conference - World Robotics International CEO Round Table 2018

by The International Federation of Robotics (IFR)

20th June 2018

09:15 hrs to 11:15 hrs

Messe Munich

Restaurant Turmblick, Entrance East

Event type: Press event

Topic: Digital Transformation, Technology, Artificial Intelligence , Markets and Industrie

Access: press / journalists only

Event language: English

Event venue:

Restaurant Turmblick



Copyright: THE INTERNATIONAL FEDERATION OF ROBOTICS

Dates

20.06.2018 09:15 - 11:15 h

All events of the organiser



IT2 INDUSTRY

Live Hacking: Ausnutzung von Sicherheitslücken bei industriellen Automatisierungssystemen

Ferdinand Jarisch (Fraunhofer Institut AISEC, Research Scientist), Speaker

21.06.2018 | 10:00 - 10:20 h | IT2I Forum (B4.216)

Technology

Live-Hack des Smart4I Demonstrators - Industrial IT-Security - Industrie 4.0



IT2 INDUSTRY

Keynote: New IoT Technology Trends that will impact Production Automation

Alexander Koerner (IBM Deutschland GmbH, Software Solution Architect), Speaker

19.06.2018 | 12:00 - 12:20 h | IT2I Forum (B4.216)

Artificial Intelligence

Technology

The Distributed Cloud - Edge Analytics - AI on the Edge



IT2 INDUSTRY

Automatische UnitTest-Generierung

Dipl.-Ing. Johannes Bergsmann (Software Quality Lab GmbH), Speaker

19.06.2018 | 12:20 - 12:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

In vielen Entwicklungsorganisationen existiert eine Hemmschwelle bzw. Lücke zwischen Fachabteilung und Testautomatisierung. Eine gute Zusammenarbeit benötigt eine gemeinsame „Sprache“ in der sich Fachtester und Entwickler verständigen können.



IT2 INDUSTRY

Right-size Automation for the Smart Factory: How Real-time Collaborative Solutions

Enhance the Man-to-Machine Interface

Maurizio Cremonini (Comau SpA, Head of Marketing), Speaker

19.06.2018 | 12:40 - 13:00 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Safe, collaborative and synergistic human and machine-driven automation Integration strategies featuring wearable technologies, real-time analytics and virtual environments - Right-size automation ensures efficient, effective and flexible manufacturing po



IT2 INDUSTRY

Man vs. Machine: Optimized Development Processes with Artificial Intelligence

Thomas Gabor (Ludwig-Maximilians-Universität, Munich, Research Associate), Speaker

19.06.2018 | 13:00 - 13:20 h | IT2I Forum (B4.216)

Artificial Intelligence

Technology

AI methods open up new opportunities in software and system design - a system steered by AI needs to be controlled by human engineers, facing multiple intertwined learning components - AI methods can also help controlling AI, ultimately leading to quality



IT2INDUSTRY

Modulare Softwarelösung für Predictive Maintenance

Torsten Albrecht (softgate gmbh), Speaker

19.06.2018 | 14:20 - 14:40 h | IT2I Forum (B4.216)

Digital Transformation

Als fundamentaler Baustein für Predictive Maintenance bietet softgate das SOMA Condition Monitoring - Ersetzen von traditionellen Wartungsansätzen, hin zu Echtzeitmaschinenbelastungen und Analysen - Maschinenintegration einfach mit Design Tool umsetzen



IT2INDUSTRY

The rise and need for machine identities - the foundation of smart factories

Maximilian Moehring (KeyP GmbH, CEO), Speaker

19.06.2018 | 14:40 - 15:00 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Cyber security solutions for smart factories have to provide identities for machines Details folgen - flexible, in real-time and decentralized are the parameters for creating secure machine identities - GDPR is relevant for manufacturing but no big deal



IT2INDUSTRY

Smarter.Productions - Physische Assistenzsysteme als Wettbewerbsfaktor

Markus Windisch (bayme vbm Bayerische M+E Arbeitgeber), Speaker

19.06.2018 | 15:00 - 15:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Human-Robot Collaboration

Work 4.0

Potenziale von MRK als Wettbewerbsfaktor - Stärken/Schwächen von Mensch/Roboter im Vergleich - Herausforderungen an Mensch/Technik/Organisation



IT2INDUSTRY

Damit Roboter nicht aus der Reihe tanzen: Echtzeitanalyse und Monitoring für ROS (Robot Operating System)

Michael Stiller (Fraunhofer Institut ESK), Speaker

19.06.2018 | 15:20 - 15:40 h | IT2I Forum (B4.216)

Human-Robot Collaboration

Technology

Warum das Fraunhofer-ESK-Tool DANA die Performance und Zuverlässigkeit von Roboterbetriebssystemen bzw. Frameworks optimieren kann: Darstellung der Vorteile anhand von ROS - Wie ROS und DANA zusammenarbeiten - Welche Bedeutung smarte Analysetools in künft



IT2 INDUSTRY

Time Sensitive Networking - Echtzeitfähige und deterministische Kommunikation über Standard Ethernet

Ben Schneider (fortiss GmbH), Speaker

19.06.2018 | 15:40 - 16:00 h | IT2I Forum (B4.216)

Digital Transformation

Technology

TSN ist eine Erweiterung des bestehenden Ethernet Standards (kein neues Feldbussystem)

- TSN bietet Echtzeitfähigkeit, Determinismus und Konvergenz über Standardethernet -

OPC UA TSN als herstellerunabhängige Kommunikationstechnologie für die Fabrik der Z



IT2 INDUSTRY

Null-Fehler-Produktion und Effizienzsteigerung: Der Weg zur Intelligenten Fabrik durch MES-gelenkte Produktionsprozesse und Digitale Zwillinge

Matthias Kohlbrand (COSMINO AG), Speaker

19.06.2018 | 16:00 - 16:20 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Zunehmende Zahl Varianten und kleiner werdende Losgrößen ohne Softwareunterstützung

nicht zu erfüllen - MES steuert den Herstellungsworkflow für jede Variante zuverlässig und

effizient - Erfüllt Null-Fehler, Transparenz, Rückverfolgbarkeit



Investors Day: Finance meets Robotics and Automation

20.06.2018 | 12:30 - 15:00 h | Start-up Arena (B4.328)

Digital Transformation

Markets and Industrie

An event on investment opportunities, market trends and targeted networking at the automatica 2018



Exhibiting Startup Pitches (Session 1)

19.06.2018 | 11:00 - 12:30 h | Start-up Arena (B4.328)

Digital Transformation

Human-Robot Collaboration

Work 4.0

The startups of the automatica Startup Arena will showcase their services and products to the corporations, investors and general audience. Come to discover the most innovative

emerging companies, ask questions and connect with them!



Exhibiting Startups Pitches (Session 2)

20.06.2018 | 11:00 - 12:30 h | Start-up Arena (B4.328)

Digital Transformation

Human-Robot Collaboration

Work 4.0

The startups of the automatica Startup Arena will showcase their services and products to the corporations, investors and general audience. Come to discover the most innovative

emerging companies, ask questions and connect with them!



Startup Competition Final

21.06.2018 | 11:00 - 12:00 h | Start-up Arena (B4.328)

Digital Transformation
Work 4.0
Service Robotics

The best 5 startups of the automatica Startup Arena will compete to become the best startup of the event. They will pitch for 5 minutes in front of the jury who will select the winners.



IT2INDUSTRY

Macht die Digitalisierung jedes Unternehmen zum Softwareanbieter?

Jonas Schaub (elunic GmbH), Speaker

20.06.2018 | 10:20 - 10:40 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Kulturelles Umdenken: gefährdet Ingenieurskunst die Wandlungsfähigkeit? - Der Wandel des Geschäftsmodells: Daten sind das neue Gold - Beispiele und Herangehensweisen zur Umsetzung der digitalen Transformation



IT2INDUSTRY

Vernetzung von Produktionskapazitäten

Thomas Hoffmeister (Fabrikado GmbH), Speaker

20.06.2018 | 10:40 - 11:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

Machine Sharing



IT2INDUSTRY

life. Intelligent kombiniert. Ein Maschinenleben lang.

Reiner Fries (Schwäbische Werkzeugmaschinen GmbH), Speaker

20.06.2018 | 11:00 - 11:20 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Kundenanforderungen im Maschinenlebenszyklus - Wissen aus der Praxis für die Praxis - Mehrwert für Ihre Fertigung



IT2INDUSTRY

Open Source PostgreSQL database as a connector and enabler for traditional, NoSQL and IoT dataflows

Kaarel Moppel (Cybertec Schönig & Schönig GmbH, Senior Database Consultant), Speaker

20.06.2018 | 11:20 - 11:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Open Source - Unlimited interoperability - Data Analytics



IT2INDUSTRY

Keynote: IoT - Security, Liability, and Politics

Dr. Robert Helling (Chaos Computer Club München, Member), Speaker

20.06.2018 | 11:40 - 12:00 h | IT2I Forum (B4.216)

Markets and Industrie

The deployment of cheap IoT devices explodes. How can we maintain security? How can society stop a surge of unadministered vulnerable networked computers?



IT2INDUSTRY

Finde den Saboteur - Absicherung des störungsfreien Betriebes vernetzter Industrieanlagen

Dr. Frank Stummer (Rhebo GmbH), Speaker

20.06.2018 | 12:00 - 12:20 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Monitoring von Industrial Control Systems ICS - Praxisbeispiele von Angriffen und Netzwerkproblemen - Organisation der Sicherheit und Anlagenverfügbarkeit



IT2INDUSTRY

Keynote: Customer value first: next era of IIoT - Data Science to boost raw data to insights

Dr. Christian Schlögel (connyun GmbH), Speaker

21.06.2018 | 11:40 - 12:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

IIoT Applikation mit Ausrichtung auf direkten Kundenmehrwert ohne die Mission zu gefährden - Data Science in der Produktion, Abweichungen vom Soll Zustand gehören der Vergangenheit an - Neue Geschäftsmodelle stehen in den Kinderschuhen, haben hiermit einen



IT2INDUSTRY

Wartungsmanagement 4.0 / Maintenance Management 4.0

Jochen Kinauer (camLine GmbH), Speaker

20.06.2018 | 12:20 - 12:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Vorausschauende Wartung / Predictive Maintenance - Organisation des Wartungspersonals - Ersatzteilverwaltung



IT2INDUSTRY

Durch die Augen eines anderen: Virtueller Helpdesk über Datenbrille

Gerhard Pluppins (Essert GmbH), Speaker

22.06.2018 | 10:40 - 11:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Automatisierer setzen auf Datenbrillen und Augmented Reality Systeme - Beispiele aus der Praxis zeigen die Möglichkeiten Remote-Assistance-Lösungen - Visual-Support Verträge bieten neue Umsatzquellen



IT2 INDUSTRY

IoT Device Authority - cidaas

Sadrick Widmann (WidasConcepts GmbH), Speaker

20.06.2018 | 12:40 - 13:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Device Authority - Basis of M2M communication - Identity management in the manufacturing process



IT2 INDUSTRY

Smart Maintenance

Alain Mettraux (SOGEMA Group GmbH), Speaker

20.06.2018 | 13:00 - 13:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

IoT-Plattform für die Optimierung und predictive Instandhaltung von Industrie Anlagen



IT2 INDUSTRY

Podiumsdiskussion: IoT-Plattformen - Was Sie heute können und wie sie sich in der Produktion einsetzen lassen

Moderation: Christoph Witte (Agentur wittcom), Moderator

19.06.2018 | 13:20 - 14:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

IoT Plattform-Geschäftsmodelle sind noch ein relativ neues Thema. Trotzdem liefern sich eine wachsende Anzahl von Unternehmen einen harten Wettbewerb um den noch ziemlich unübersichtlichen aber sich sehr dynamischen entwickelnden Markt.



IT2 INDUSTRY

Podiumsdiskussion: Künstliche Intelligenz - Wie umgehen mit schlaunen Maschinen?

Moderation: Christoph Witte (Agentur wittcom), Moderator

20.06.2018 | 13:20 - 14:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Work 4.0

Artificial Intelligence

Wichtige Einsatzgebiete von „Künstlicher Intelligenz“ (KI) finden sich in der Fertigung, beispielsweise im Automobilbau, wo Roboter eine Unzahl menschlicher Handgriffe ersetzen. Aber was passiert, wenn die Maschinen tatsächlich intelligent werden?



IT2 INDUSTRY

Podiumsdiskussion: Das Industrial Internet of Things (IIoT) - Chance auf neue Geschäftsmodelle oder doch nur Cost of Business?

Moderation: Christoph Witte (Agentur wittcom), Moderator
21.06.2018 | 13:20 - 14:20 h | IT2I Forum (B4.216)

Digital Transformation
Markets and Industrie
Technology

Das IIoT stellt eine Variante des IoT dar, die im industriellen Bereich eingesetzt wird. Die Diskussionsrunde geht der Frage nach, wie sich technische und betriebswirtschaftliche Potenziale des IIoT konkret in Unternehmen realisieren lassen?



IT2 INDUSTRY

Industrie 4.0 und die Sicherheit - Quo vadis?

Udo Schneider (Trend Micro Deutschland), Speaker
20.06.2018 | 14:40 - 15:00 h | IT2I Forum (B4.216)

Digital Transformation
Markets and Industrie

"Security vs. Sicherheit": Gegensätze, Konsequenzen, Lösungsansätze



IT2 INDUSTRY

Wie beeinflussen Expertensysteme die Arbeit eines Schwingungsanalysten in der heutigen industriellen Instandhaltung?

Markus Scholten (Acoem GmbH), Speaker
20.06.2018 | 14:20 - 14:40 h | IT2I Forum (B4.216)

Digital Transformation
Technology

Automatische Diagnosen - Entwicklung von Expertensystemen -
Vertrauensindikatoranzeigen



Pre Conference OPC Europe Day 2018: OPC UA Overview and Adoption in the World

Stefan Hoppe (OPC Foundation, Global Vice President), Speaker

20.06.2018 | 15:00 - 15:30 h | IT2I Forum (B4.216)

Digital Transformation
Markets and Industrie

Technology

Welcome to the World of OPC



Pre Conference OPC Europe Day 2018: OPC UA - Technical Introduction

Uwe Steinkrauss (Ascolab GmbH, CEO), Speaker

20.06.2018 | 15:30 - 16:00 h | IT2I Forum (B4.216)

Digital Transformation
Technology



Pre Conference OPC Europe Day 2018: OPC UA - Security built-in by Design

Jouni Aro (Prosys PMS Ltd / Prosys OPC, CTO), Speaker

20.06.2018 | 16:00 - 16:30 h | IT2I Forum (B4.216)

Digital Transformation
Technology



Pre Conference OPC Europe Day 2018: OPC UA Success stories & Getting Started
Cluadio Ambra (Exor International S.p.A, CTO), Speaker
Dr. Christopher Anhalt (Softing Industrial Automation GmbH, Business Development Manager), Speaker
20.06.2018 | 16:30 - 17:00 h | IT2I Forum (B4.216)
Digital Transformation
Markets and Industrie
Technology



IT2 INDUSTRY

Smart Industry: putting words into actions
Jan Leidemann (Systec GmbH, Business Unit Manager), Speaker
21.06.2018 | 10:40 - 11:00 h | IT2I Forum (B4.216)
Digital Transformation
Technology

Few companys have a Smart Industry vision - Smart industry requires support by the management - DEMCON realized a complete smart production line



IT2 INDUSTRY

Warum Automatisierung und IT-Sicherheit nicht zusammenpassen
Michael Emmer (SpaceNet AG), Speaker
21.06.2018 | 11:00 - 11:20 h | IT2I Forum (B4.216)
Digital Transformation
Markets and Industrie
Technology
IT-Sicherheit - IT-Beratung - IT-Betrieb & Rechenzentrum



IT2 INDUSTRY

ERP als Rückgrat: Predictive Maintenance in der Praxis
Michael Wüstemeier (proALPHA Consulting GmbH), Speaker
21.06.2018 | 11:20 - 11:40 h | IT2I Forum (B4.216)
Digital Transformation
Markets and Industrie
ERP-Komplettlösung, Schaltzentrale für Industrie 4.0, Predictive Maitenance



IT2 INDUSTRY

Blueprints for business friendly open source ecosystems in the industry
Gaël Blondelle (Eclipse Foundation Europe GmbH, Director or European Ecosystem Development), Speaker
21.06.2018 | 12:00 - 12:20 h | IT2I Forum (B4.216)
Digital Transformation
Markets and Industrie
Open Source - Open innovation - Composable robots



Press conference MHI

20.06.2018 | 12:30 - 13:30 h | A4.212

Human-Robot Collaboration

Service Robotics

Technology

The "Academic Society for Assembly, Handling and Industrial Robotic" (Wissenschaftliche Gesellschaft für Montage, Handhabung und Industrierobotik (MHI)) will be presenting ongoing research and development topics at its booth at automatica 2018 in Munich f



IT2 INDUSTRY

Industrie 4.0 live: Industrial Application 4.0 Showcase

Dr.-Ing. Rainer Stetter (ITQ GmbH), Speaker

21.06.2018 | 12:20 - 12:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Agiles Engineering von IoT Lösungen - Modularisierung auf Basis von OPC UA - Live-Präsentation Industrie 4.0



IT2 INDUSTRY

Global and Korean Robot Industry in the 4th Industrial Revolution

Gyeong-jun Lee (Korean Association of Robot Industry, Head of Department), Speaker

21.06.2018 | 12:40 - 13:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Robot industry in 4th Revolution - World and Korean Robot industry market and trend - Success story of global robot company and Korean robot company



IT2 INDUSTRY

Strategischer Ansatz und Methoden zur Einführung und Implementierung von neuen IIOT Lösungen und Geschäftsmodellen

Marc Zenker (blu Portals & Applications GmbH), Speaker

21.06.2018 | 13:00 - 13:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Warum die Einführung von IIoT Lösungen meist auch die Implementierung neuer Geschäftsmodelle notwendig macht - Was bedeutet Geschäftsmodellinnovation für Unternehmen - Vorstellung eines systematischen Ansatzes zur Entwicklung und Implementierung von Ilo



IT2 INDUSTRY

PIA Automation - Die neuen Wege der Digitalisierung

Claude Eisenmann (PIA Automation Bad Neustadt GmbH), Speaker

21.06.2018 | 14:20 - 14:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

PIA Automation unterstützt die Kunden bei der Verbesserung der Wettbewerbsfähigkeit -

Die Verfügbarkeit und Performance der Anlage wird durch PIA intelligente Analysetools gewährleistet - Der PIA Line Controller sorgt für Flexibilität, Rückverfolgbarkeit



IT2 INDUSTRY

Smarter robots with robobrain - Was bedeutet einfache Roboterprogrammierung heute?

Tobias Rietzler (robominds GmbH), Speaker

21.06.2018 | 14:40 - 15:00 h | IT2I Forum (B4.216)

Digital Transformation

Artificial Intelligence

Technology

Überblick zum Stand der Roboterprogrammierung - Komplexe Prozesse sind noch immer aufwändig zu programmieren - robobrain: Vision und Control



IT2 INDUSTRY

Automatisierte Logistikprozesse und flexibles Onboarding mit dem Enterprise Entity Bus

Iwe Kardum (Sunato München GmbH), Speaker

21.06.2018 | 15:00 - 15:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Geschäftsprozess Automatisierung - Onboarding von Kunden - Digitalisierung



automatica press conference

19.06.2018 | 11:00 - 12:30 h | Conference room A62 (Hall A6)

Human-Robot Collaboration

Artificial Intelligence

Work 4.0

Service Robotics

Main press conference automatica



IT2 INDUSTRY

Ausgangspunkt und Ziele - Der Weg zur Smart Factory

Olaf Hilmers (OPTIWARE - API Deutschland GmbH), Speaker

21.06.2018 | 10:20 - 10:40 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Analyse der Ausgangslage - Zielsetzung & Schwerpunktbewertung - Vorgehensweise & Softwareunterstützung



Presserundgang mit dem bayerischen Staatsminister für Wirtschaft, Energie und

Technologie Franz Josef Pschierer

19.06.2018 | 10:30 - 12:00 h | automatica Forum (A5.135)

Markets and Industrie

Presserundgang mit dem Staatsminister Franz Josef Pschierer



Press conference Stäubli Tec-Systems GmbH Robotics

20.06.2018 | 11:00 - 13:00 h | B5.321

Service Robotics

Technology

Press conference Stäubli Tec-Systems GmbH Robotics



IFR CEO Round Table 2018

20.06.2018 | 09:15 - 11:15 h | Restaurant Turmblick

Digital Transformation

Technology

Artificial Intelligence

Markets and Industrie

World Robotics International CEO Round Table 2018 - Robots and AI: Vision and Reality



IT2 INDUSTRY

Modellbasierte kontextsensitive Handlungsanweisungen

David Franke (Fraunhofer IPK), Speaker

22.06.2018 | 12:00 - 12:20 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Modellbasierte Handlungsanweisung - Interaktive Anleitung für Serviceprozesse - Predictive Maintenance



IT2 INDUSTRY

Live Hacking: Exploiting vulnerable industrial automation systems

Ferdinand Jarisch (Fraunhofer Institut AISEC, Research Scientist), Speaker

19.06.2018 | 11:40 - 12:00 h | IT2I Forum (B4.216)

Technology

Live-Hack of the Smart4i NG Demonstrator - Industrial IT-Security - Industry 4.0



IT2 INDUSTRY

Erfolgreiche Geschäftsmodelle für Industrie 4.0 und IoT - Learnings aus über 35 Praxisprojekten

Jan Rodig (tresmo GmbH), Speaker

21.06.2018 | 15:20 - 15:40 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Wesentliche Praxiserfahrungen zu erfolgreichen IoT-Geschäftsmodellen - Gestaltungsoptionen, Praxisbeispiele, Herausforderungen, Erfolgsfaktoren, Vorgehen



IT2 INDUSTRY

Effiziente Umsetzung von IIoT Strategien im Maschinenbau

Harald Taschek (T&G Atomation GmbH), Speaker

21.06.2018 | 15:40 - 16:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

PREDIX PaaS statt endlosem, risikoreichem Entwicklungsprojekt - PaaS (Platform as a

Service), Cloud, Konnektivität mit Praxisbeispielen



IT2 INDUSTRY

Smart Maintenance von technischen Anlagen benötigt technisch smarte IPSA-Systeme

Falk Pagel (IAS MEXIS GmbH), Speaker

22.06.2018 | 11:00 - 11:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

Einsatz von Expertensystemen - Smart Analytics - OEE-Steigerung



IT2 INDUSTRY

Digitalisierung in der Robotik

Thomas Janke (Faster Solutions UG (hb)), Speaker

22.06.2018 | 11:20 - 11:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Erste Portalseite speziell für Roboter-Experten, Neue Wege der Zusammenarbeit zwischen Robotik-Dienstleistern und Industriekunden, Höhere Effizienz durch Offline-Programmierung in virtuellen Umgebungen.



IT2 INDUSTRY

Keynote: Sicherheit von vernetzten, modularen, Industrieanlagen erfordert eine dynamische Sicherheitsarchitektur 4.0 (Safety & Security)

Dr.-Ing. Detlev Richter (TÜV SÜD Product Service GmbH), Speaker

22.06.2018 | 11:40 - 12:00 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Dynamische Sicherheitsarchitektur 4.0 für modulare Fertigungskonzepte - Performance & Safety, Security Merkmale von Informationsmodellen - "Security for safety" für vernetzte I4.0 Komponenten, I4.0 Maschinenmodule und verkettete Maschinen



IT2 INDUSTRY

The Evolution of Knowledge-Based Maintenance: From Descriptive to Prescriptive Maintenance

Dr.-Ing. Fazel Ansari (Fraunhofer Austria/TU Wien, Assistant Professor), Speaker

19.06.2018 | 16:20 - 16:40 h | IT2I Forum (B4.216)

Digital Transformation

Technology

Maintenance is an integral part of production systems which affects not only on operation but also on tactical and strategic processes. Sensing and computational technologies are leveraging predictive and prescriptive data analytics in maintenance managem



IT2 INDUSTRY

Mehr Produktivität dank mobiler Instandhaltung - Wir zeigen Ihnen wie!

Serhan Berikol (Membrain GmbH), Speaker
22.06.2018 | 12:20 - 12:40 h | IT2I Forum (B4.216)

Digital Transformation
Markets and Industrie

Schnelles Reagieren auf Ereignisse wie Maschinenstillstände oder Störungen in Echtzeit -
Papierloser Prozess (Abarbeiten, Rückmelden von Aufträgen, Dokumente vor Ort) - 100%
transaktionssicher ins führende ERP (SAP)



OPC Day Europe 2018

Moderation: Stefan Hoppe (OPC Foundation, Global Vice President), Moderator

21.06.2018 | 10:00 - 16:00 h | Conference room A61 (Hall A6)

Digital Transformation

Technology

The OPC Foundation is hosting the OPC Day Europe at automatica for the second time in a row.



AUTOMOBIL PRODUKTION Congress 2018 - Congress-Check-in with Little-Welcome-Lunch

18.06.2018 | 12:00 - 12:45 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

On the Road to Autonomous Production



AUTOMOBIL PRODUKTION Congress 2018 - Congress Opening + Welcome

Moderation: Thomas R. Köhler (CE21 GmbH, Managing Director), Moderator

18.06.2018 | 12:45 - 13:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

Thomas R. Köhler, CEO CE21 GmbH and moderator



AUTOMOBIL PRODUKTION Congress 2018 - Keynote: On the way to the Zero-Impact-Factory

Albrecht Reimold (Porsche AG, Board member in charge of Production and Logistics),

Speaker

18.06.2018 | 13:30 - 14:00 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

A special concern of Albrecht Reimold is the issue of sustainability. Porsche's ambitious goal: a production with cyclical material flows, without waste, but also without waiver and restrictions.



AUTOMOBIL PRODUKTION Congress 2018 - Investing into global growth
Alexander Wortberg (Jaguar Land Rover Slovakia, Operations Director), Speaker
18.06.2018 | 14:00 - 14:30 h | North Entrance
Digital Transformation
Markets and Industrie
Technology
The new Jaguar Land Rover plant in Slovakia



AUTOMOBIL PRODUKTION Congress 2018 - Offshoring versus Reshoring
Prof. Günther Schuh (e.GO Mobile AG, Founder and CEO), Speaker
18.06.2018 | 14:30 - 15:00 h | North Entrance
Digital Transformation
Markets and Industrie
Technology
Intelligent Production in the Home Market



Opening by the Bavarian Minister of Economic Affairs
Franz Josef Pschierer (Bayerisches Staatsministerium für Wirtschaft, Energie und Technologie, State Minister for Economic Affairs, Energy and Technology), Speaker
19.06.2018 | 10:00 - 10:30 h | automatica Forum (A5.135)
Markets and Industrie
Exhibition opening



AUTOMOBIL PRODUKTION Congress 2018 - Digitalization of Audi Production
Peter Kössler (Audi AG, Member of the Board of Management in charge of Production and Logistics), Speaker
18.06.2018 | 15:00 - 15:30 h | North Entrance
Digital Transformation
Markets and Industrie
Technology
How People and Intelligent Technologies Will Complement Each Other in the Factory of the Future



AUTOMOBIL PRODUKTION Congress 2018 - Coffee-Break
18.06.2018 | 15:30 - 16:00 h | North Entrance
Digital Transformation
Markets and Industrie
Technology
Networking and exhibitor visit



AUTOMOBIL PRODUKTION Congress 2018 - Intro Lecture to the Panel Discussion
Prof. Dr.-Ing. Sami Haddadin (Technische Universität München (TUM), Chair of Robotics Science and System Intelligence and Director from the „Munich School of Robotics and Machine Intelligence“), Speaker

18.06.2018 | 16:00 - 16:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

Democratization of Robotics



AUTOMOBIL PRODUKTION Congress 2018 - Panel diskussion

Moderation: Frank Volk (verlag moderne industrie GmbH, Business Editor Managing Editor Print/Online AUTOMOBIL PRODUKTION), Moderator

18.06.2018 | 16:30 - 17:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

„Microfactory versus Megafactory“ - Are traditional locations to hold?



AUTOMOBIL PRODUKTION Congress 2018 - Final Keynote: Smart production - maximum flexibility, complete transparency and high efficiency

Markus Schäfer (Daimler AG, Member of the Divisional Board of Mercedes-Benz Cars, Production & Supply Chain), Speaker

18.06.2018 | 17:00 - 17:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology



AUTOMOBIL PRODUKTION Congress 2018 - End of the First Day of Congress and Shuttle transfer to the evening event

18.06.2018 | 17:30 - 19:00 h | North Entrance

Artificial Intelligence

Markets and Industrie

Technology

Our shuttle buses will take you to the evening event at the nearby racecourse in Riem, where a rustic cottage atmosphere and culinary delicacies and drinks provide the perfect setting for networking.



AUTOMOBIL PRODUKTION Congress 2018 - Coffee-Welcome and Exclusive VIP-Tour

19.06.2018 | 07:30 - 10:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

Exclusive VIP-Tour

VDE Panel Discussion
20.06.2018 | 17:20 - 18:30 h | Press Center East
Digital Transformation
Work 4.0
Artificial Intelligence
ISR 2018 - June 20, 2018 Time: 17:20 - 18:30 pm Location: Press Center East, Plenary room



AUTOMOBIL PRODUKTION Congress 2018 - Keynote: The ONE Platform
Nico Feirer (Volkswagen AG, Global Series Management, Procurement Processes and Systems), Speaker
19.06.2018 | 10:30 - 11:00 h | North Entrance
Digital Transformation
Markets and Industrie
Technology
The digitalization of the supplier relationship



AUTOMOBIL PRODUKTION Congress 2018 - Strategies for flexibility and responsiveness in the powertrain production network of the BMW Group
Ilka Horstmeier (BMW Group, Divisional Director, Production Engines and Electric Powertrain Systems), Speaker
19.06.2018 | 11:00 - 11:30 h | North Entrance
Digital Transformation
Markets and Industrie
Technology



AUTOMOBIL PRODUKTION Congress 2018 - Factory of the future: Digitization and Paperless Production
Peter Grendel (abat Group, CEO), Speaker
19.06.2018 | 11:30 - 12:00 h | North Entrance
Digital Transformation
Markets and Industrie
Technology



AUTOMOBIL PRODUKTION Congress 2018 - Coffee-Break
19.06.2018 | 12:00 - 12:30 h | North Entrance
Digital Transformation
Networking and exhibition visit



AUTOMOBIL PRODUKTION Congress 2018 - Breakout-Sessions

19.06.2018 | 12:30 - 13:30 h | North Entrance

Digital Transformation

Markets and Industrie

Technology

There will be a total three breakout sessions in which we guarantee true know-how transfers and promise approaches to solving your challenges.



AUTOMOBIL PRODUKTION Congress 2018 - Final presentation and Summary

19.06.2018 | 13:30 - 14:00 h | North Entrance

Digital Transformation

Markets and Industrie

Technology



AUTOMOBIL PRODUKTION Congress 2018 - Little-Farewell-Lunch

19.06.2018 | 14:00 - 14:00 h | North Entrance

Digital Transformation

End of the Congress



Networking Event DIRA (Danish Robot Network) and VDMA Robotics + Automation

19.06.2018 | 15:00 - 16:30 h | Start-up Arena (B4.328)

Digital Transformation

Technology

Service Robotics

Markets and Industrie

International associations meeting



International Symposium on Robotics (ISR) - IERA Session & Keynotes 1 - 3

20.06.2018 | 09:15 - 14:10 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

The fiftieth edition of the world's leading robotics conference "International Symposium on Robotics" (ISR) under the auspices of IFR (International Federation of Robotics) offers more than 100 presentations from the industrial and business community



International Symposium on Robotics (ISR) - Session 2.1

20.06.2018 | 14:10 - 16:00 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 2.1: Components (Plenary room)



Service Robotics Show - Service robots for transport and intelligent manipulation

19.06.2018 | 10:00 - 10:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

19.06.2018 | 12:00 - 12:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

19.06.2018 | 14:00 - 14:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

19.06.2018 | 16:00 - 16:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

20.06.2018 | 11:00 - 11:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

20.06.2018 | 13:00 - 13:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

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Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

22.06.2018 | 11:00 - 11:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

22.06.2018 | 13:00 - 13:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

22.06.2018 | 15:00 - 15:30 h | Service Robotics Demopark (B4.421)

Human-Robot Collaboration

Service Robotics

Moderated show with presentation of different service robots



Service Robotics Show - Service robots for transport and intelligent manipulation

22.06.2018 | 16:00 - 16:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
19.06.2018 | 11:00 - 11:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
19.06.2018 | 13:00 - 13:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
19.06.2018 | 15:00 - 15:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
20.06.2018 | 10:00 - 10:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
20.06.2018 | 12:00 - 12:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
20.06.2018 | 14:00 - 14:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
21.06.2018 | 11:00 - 11:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
21.06.2018 | 13:00 - 13:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
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Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
22.06.2018 | 10:00 - 10:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
22.06.2018 | 12:00 - 12:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



Service Robotics Show - Service robots for public environments
22.06.2018 | 14:00 - 14:30 h | Service Robotics Demopark (B4.421)
Human-Robot Collaboration
Service Robotics
Moderated show with presentation of different service robots



International Symposium on Robotics (ISR) - Session 3.1
20.06.2018 | 14:10 - 16:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 3.1: Industrial Robots (Room 1)



International Symposium on Robotics (ISR) - Session 4.1
20.06.2018 | 14:10 - 16:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology

Session 4.1: Service Robots (Room 2)



International Symposium on Robotics (ISR) - Session 2.2

20.06.2018 | 16:00 - 17:20 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 2.2: Technologies (Plenary room)



International Symposium on Robotics (ISR) - Session 3.2

20.06.2018 | 16:00 - 17:20 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 3.2: Automation (Room 1)



International Symposium on Robotics (ISR) - Session 4.2

20.06.2018 | 16:00 - 17:20 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 4.2: Service Robots (Room 2)



International Symposium on Robotics (ISR) - Panel Discussion & Evening Event

20.06.2018 | 17:20 - 22:30 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

On the Future of Robotics (Plenary Room)



International Symposium on Robotics (ISR) - Keynote 4

Prof. Dr. Jianwei Zhang (University of Hamburg, Faculty of Mathematics, Informatics and Natural Science), Speaker

21.06.2018 | 09:00 - 09:40 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Synergic research on future robotics technologies from the Sino-German perspective



International Symposium on Robotics (ISR) - Session 1.1

21.06.2018 | 09:40 - 10:40 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 1.1: Modeling (Plenary room)



International Symposium on Robotics (ISR) - Session 4.3

21.06.2018 | 09:40 - 10:40 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 4.3: Service Robot Software Architecture (Room 2)



International Symposium on Robotics (ISR) - Session 6.1

21.06.2018 | 09:40 - 10:40 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 6.1: Future of Work (Room 1)



International Symposium on Robotics (ISR) - Session 1.2

21.06.2018 | 11:00 - 12:00 h | Press Center East

Digital Transformation

Human-Robot Collaboration

Service Robotics

Artificial Intelligence

Technology

Session 1.2: Planning (Plenary room)



International Symposium on Robotics (ISR) - Session 3.3
21.06.2018 | 11:00 - 11:40 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 3.3: Industrial Robot Applications (Room 1)



International Symposium on Robotics (ISR) - Session 4.4
21.06.2018 | 11:00 - 12:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 4.4: Service Robotic Technologies (Room 2)
Press conference Universal Robots
Jürgen von Hollen (Universal Robots, President), Speaker
19.06.2018 | 09:30 - 10:30 h | Conference room A61 (Hall A6)
Digital Transformation
Human-Robot Collaboration
Service Robotics
Press conference Universal Robots



International Symposium on Robotics (ISR) - Keynotes 5 & 6
21.06.2018 | 12:00 - 14:20 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Keynotes 5 & 6 - Lunch and Poster Session



International Symposium on Robotics (ISR) - Session 1.3
21.06.2018 | 14:20 - 16:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 1.3: Control (Plenary Room)



International Symposium on Robotics (ISR) - Session 3.4
21.06.2018 | 14:20 - 16:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 3.4: Robotics in Production (Room 1)



International Symposium on Robotics (ISR) - Session 6.2
21.06.2018 | 14:20 - 16:00 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 6.2: HRC Applications (Room 2)



International Symposium on Robotics (ISR) - Session 6.4
21.06.2018 | 16:00 - 17:30 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 6.4: HRC Technologies (Plenary room)



International Symposium on Robotics (ISR) - Session 6.3
21.06.2018 | 16:00 - 17:30 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics
Artificial Intelligence
Technology
Session 6.3: Safe HRC (Room 1)



International Symposium on Robotics (ISR) - Session 5
21.06.2018 | 16:00 - 17:30 h | Press Center East
Digital Transformation
Human-Robot Collaboration
Service Robotics

Artificial Intelligence
Technology
Session 5: New Robotics Applications (Room 2)
Press conference FANUC
20.06.2018 | 15:45 - 16:45 h | Conference room A61 (Hall A6)
Service Robotics
Technology
Press conference FANUC
Press conference OMRON
19.06.2018 | 14:45 - 15:45 h | Conference room A62 (Hall A6)
Digital Transformation
Service Robotics
Human-Robot Collaboration
Work 4.0
Press conference OMRON, 19th of June 2018, 2:45-3:45 p.m.



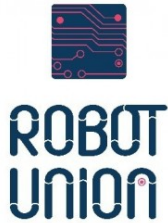
**ROBOT
UNION**

Talk: How to succeed in the Robotics sector
Ali Muhammad ((VTT)), Panelist
Roi Rodríguez (RobotUnion, Project Manager), Panelist
19.06.2018 | 10:15 - 11:00 h | Start-up Arena (B4.328)
Digital Transformation
Human-Robot Collaboration
Work 4.0
Artificial Intelligence
Technology
Join experts Ali Muhammad (VTT), Sanyu Karani and Roi Rodriguez (FundingBox) to discover equity-free funding opportunities and business services offered to startups and SMEs in the Robotics sector.



**ROBOT
UNION**

Talk: How to accelerate your robotics startup with equity free funding
Noaa Barak (Mobile World Capital, Strategy Manager), Speaker
Roi Rodríguez (RobotUnion, Project Manager), Speaker
21.06.2018 | 10:15 - 11:00 h | Start-up Arena (B4.328)
Digital Transformation
Technology
Human-Robot Collaboration
Work 4.0
The RobotUnion call for startups is currently open, inviting applications from robotics & drones startups.



RobotUnion Networking Reception

Noaa Barak (Mobile World Capital, Strategy Manager), Speaker

Roi Rodríguez (RobotUnion, Project Manager), Speaker

21.06.2018 | 12:00 - 13:00 h | Start-up Arena (B4.328)

Digital Transformation

Human-Robot Collaboration

Work 4.0

Artificial Intelligence

Technology

Discover equity-free funding opportunities and business services offered to startups and SMEs in the Robotics sector. Meet the acceleration programme's team who can answer any of your questions and find out how your business benefits from RobotUnion



IT2 INDUSTRY

Autonomous ground vehicles for heavy load delivery

Victorien Fradel (ECA Group, Nuclear and Industry Manager), Speaker

20.06.2018 | 10:00 - 10:20 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

Autonomous heavy vehicle for industrial field - Indoor/outdoor operations without infrastructure modification - Aluminium production



IT2 INDUSTRY

China Telecom - Our Experiences in Internet of Things (IoT)

Roy Ng (China Telecom (Europe) Ltd., Director, Solution & Delivery Department), Speaker

22.06.2018 | 12:40 - 13:00 h | IT2I Forum (B4.216)

Digital Transformation

Markets and Industrie

Technology

Internet of Things (IoT) - Smart City - IoT Applications



OPC UA Demonstrator - Industrie 4.0 wird Realität

19.06.2018 | 10:00 - 17:00 h | B4.332

Digital Transformation

Markets and Industrie

Technology

Auftakt, Begrüßung und Fachvorträge



OPC UA Demonstrator - Industrie 4.0 wird Realität

20.06.2018 | 10:00 - 16:30 h | B4.332

Digital Transformation
Markets and Industrie
Technology



Robotics + Automation

OPC UA Demonstrator - Industrie 4.0 wird Realität

21.06.2018 | 10:00 - 16:30 h | B4.332

Digital Transformation
Markets and Industrie
Technology



Robotics + Automation

OPC UA Demonstrator - Industrie 4.0 wird Realität

22.06.2018 | 10:00 - 15:30 h | B4.332

Digital Transformation
Markets and Industrie
Technology



Workshop 1: Predictive Maintenance through Intelligent Data Management and Analysis

19.06.2018 | 11:00 - 13:00 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology

Maintenance is a complex and multidimensional area that influences on the entire manufacturing system and associated (business) processes.



Dr. Andreas Dankl (dankl + partner consulting gmbh), Speaker

19.06.2018 | 13:00 - 14:30 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology



Dr. Andreas Dankl (dankl + partner consulting gmbh), Speaker

20.06.2018 | 13:00 - 14:30 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology



Dr. Andreas Dankl (dankl + partner consulting gmbh), Speaker

21.06.2018 | 13:00 - 14:30 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology



Dr. Andreas Dankl (dankl + partner consulting gmbh), Speaker

22.06.2018 | 13:00 - 14:30 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology



Workshop 3: Modellbasierte kontextsensitive Handlungsanweisung
20.06.2018 | 11:00 - 13:00 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology

In dem Workshop werden Lösungsansätze für die moderne Instandhaltung diskutiert.



Workshop 5: Smart Sensor
21.06.2018 | 11:00 - 13:00 h | Smart Maintenance Pavilion (B4.222)

Digital Transformation
Markets and Industrie
Technology

Monitoring ist die Grundlage für Smart Maintenance - und eine intelligente Datenerfassung bildet die Grundlage für Monitoring



Plattformökonomie - Digital vernetzte Geschäftsmodelle

Volker Schnittler (VDMA Informatik), Speaker

19.06.2018 | 11:00 - 11:45 h | Dialograum Plattformökonomie (B4.300)

Digital Transformation
Markets and Industrie
Technology

Strukturebenen von Plattformökonomie - Aktuelle Entwicklungstendenzen im Maschinenbau - 8 Schritte zur Plattformstrategie



Plattformökonomie - Digital vernetzte Geschäftsmodelle

Volker Schnittler (VDMA Informatik), Speaker

22.06.2018 | 11:00 - 11:45 h | Dialograum Plattformökonomie (B4.300)

Digital Transformation
Markets and Industrie
Technology

Strukturebenen von Plattformökonomie - Aktuelle Entwicklungstendenzen im Maschinenbau - 8 Schritte zur Plattformstrategie



Platform economics - Digitally connected business models

Volker Schnittler (VDMA Informatik), Speaker

19.06.2018 | 16:00 - 16:45 h | Dialogue Space Platform Economics (B4.300)

Digital Transformation
Markets and Industrie
Technology

Levels of hierarchy in platform economics - Current trends - 8 steps to your platform strategy



Platform economics - Digitally connected business models
Volker Schnittler (VDMA Informatik), Speaker
20.06.2018 | 16:00 - 16:45 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology
Levels of hierarchy in platform economics - Current trends - 8 steps to your platform strategy



Platform economics - Digitally connected business models
Volker Schnittler (VDMA Informatik), Speaker
21.06.2018 | 16:00 - 16:45 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology
Levels of hierarchy in platform economics - Current trends - 8 steps to your platform strategy



Platform economics - Digitally connected business models
Volker Schnittler (VDMA Informatik), Speaker
22.06.2018 | 15:15 - 16:00 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology
Levels of hierarchy in platform economics - Current trends - 8 steps to your platform strategy



Plattformökonomie - Intelligente Planung mittels Integration proaktiver Services
Daniel Gburek (COSMO CONSULT AG), Speaker
19.06.2018 | 11:45 - 12:30 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Intelligente Fertigung mittels Integration vorausschauender Kontrollen
Daniel Gburek (COSMO CONSULT AG), Speaker
20.06.2018 | 14:30 - 15:15 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Gestaltung von IoT Plattformgeschäften
Prof. Dr. Hans Gerd Servatius (Competivation Consulting UG & Co. KG), Speaker
19.06.2018 | 14:30 - 15:15 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Gestaltung von IoT Plattformgeschäften
Prof. Dr. Hans Gerd Servatius (Competivation Consulting UG & Co. KG), Speaker
21.06.2018 | 11:00 - 11:45 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Platform economics - Designing IoT Platform Business
Prof. Dr. Hans Gerd Servatius (Competivation Consulting UG & Co. KG, Managing Director),
Speaker
20.06.2018 | 11:00 - 11:45 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Grundlagen der Plattformökonomie
Benedict Bender (Universität Potsdam), Speaker
19.06.2018 | 15:15 - 16:00 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Strategie in neuen Marktdynamiken
Felix Raab (connyun GmbH), Speaker
20.06.2018 | 11:45 - 12:30 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie – Strategie in neuen Marktdynamiken
Felix Raab (connyun GmbH), Speaker
22.06.2018 | 11:45 - 12:30 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Platform Economics - Business strategies in new dynamic markets
Felix Raab (connyun GmbH, IoT Expert | New Business & Strategy), Speaker
20.06.2018 | 15:15 - 16:00 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology



Platform Economics - Business strategies in new dynamic markets
Felix Raab (connyun GmbH, IoT Expert | New Business & Strategy), Speaker
22.06.2018 | 14:30 - 15:15 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology



Platform Economics - Standard Applications for Industrial IoT
Daniel Reinhardt (connyun GmbH, Senior IoT Product Manager), Speaker
21.06.2018 | 15:15 - 16:00 h | Dialogue Space Platform Economics (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Standard Applikationen für das Industrial IoT
Daniel Reinhardt (connyun GmbH), Speaker
21.06.2018 | 11:45 - 12:30 h | Dialograum Plattformökonomie (B4.300)
Digital Transformation
Markets and Industrie
Technology



Plattformökonomie - Digital vernetzte Geschäftsmodelle

Volker Schnittler (VDMA Informatik), Speaker

21.06.2018 | 14:30 - 15:15 h | Dialograum Plattformökonomie (B4.300)

Digital Transformation

Markets and Industrie

Technology

Strukturebenen von Plattformökonomie - Aktuelle Entwicklungstendenzen im

Maschinenbau - 8 Schritte zur Plattformstrategie



Award Ceremony of the EuRoC Winner

20.06.2018 | 16:00 - 17:30 h | Start-up Arena (B4.328)

Digital Transformation

Markets and Industrie

Technology

Award Ceremony of the EuRoC Winner on the stage of the Start-Up Arena

Contract signing at KUKA booth

20.06.2018 | 13:00 - 13:30 h | A4.221

Markets and Industrie

Stefan Lampa, CEO KUKA Division Industries and Sergey Kogogin, Director General of Kamaz PTC will sign a contract. Kamaz is one of the biggest russian trucks and diesel engines producer <https://kamaz.ru/en/>. We invite you on June 20th at 13:00 to our boot