

# General Agenda

## IWOLIA 2019, 18 Nov 2019

Université de Haute-Alsace (UHA), Mulhouse					
	From	To			
<b>18 Nov 2019</b>	9:00	9:15	<p>Welcome note Prof. Michel Basset, UHA Prof. Alain Dieterlen, UHA Prof. Farouk Yalaoui, UTT <i>Room: Grand Amphithéâtre</i></p>		
	9:15	10:00	<p>Keynote 1: Laurent Levacher (EDF) EDF-R&amp;D Solutions for Energy and Industrial Performance <i>Room: Grand Amphithéâtre</i></p>		
	10:00	11:00	<table border="0"> <tr> <td style="background-color: #f4cccc;"> <p>Session 1.1 Energy Management <i>Room: Grand Amphithéâtre</i></p> </td> <td style="background-color: #fff2cc;"> <p>Session 2.1 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p> </td> </tr> </table>	<p>Session 1.1 Energy Management <i>Room: Grand Amphithéâtre</i></p>	<p>Session 2.1 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p>
	<p>Session 1.1 Energy Management <i>Room: Grand Amphithéâtre</i></p>	<p>Session 2.1 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p>			
	11:00	11:30	Coffee Break and Networking		
	11:30	13:00	<table border="0"> <tr> <td style="background-color: #f4cccc;"> <p>Session 1.2 Energy Management <i>Room: Grand Amphithéâtre</i></p> </td> <td style="background-color: #fff2cc;"> <p>Session 2.2 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p> </td> </tr> </table>	<p>Session 1.2 Energy Management <i>Room: Grand Amphithéâtre</i></p>	<p>Session 2.2 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p>
	<p>Session 1.2 Energy Management <i>Room: Grand Amphithéâtre</i></p>	<p>Session 2.2 Industrial IT Security <i>Room: Salle de Conseil (3rd floor)</i></p>			
	13:00	14:00	Lunch		
	14:00	14:45	<p>Keynote 2: Klaus Bauer, Trumpf AG AI and the Smart Factory <i>Room: Grand Amphithéâtre</i></p>		
	14:45	15:45	<table border="0"> <tr> <td style="background-color: #f4cccc;"> <p>Session 3.1 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p> </td> <td style="background-color: #fff2cc;"> <p>Session 4.1 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p> </td> </tr> </table>	<p>Session 3.1 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p>	<p>Session 4.1 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p>
	<p>Session 3.1 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p>	<p>Session 4.1 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p>			
	15:45	16:15	Coffee Break and Networking		
16:15	17:45	<table border="0"> <tr> <td style="background-color: #f4cccc;"> <p>Session 3.2 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p> </td> <td style="background-color: #fff2cc;"> <p>Session 4.2 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p> </td> </tr> </table>	<p>Session 3.2 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p>	<p>Session 4.2 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p>	
<p>Session 3.2 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i></p>	<p>Session 4.2 Human in networked factories <i>Room: Salle de Conseil (3rd floor)</i></p>				
17:45	18:15	<p>Closing Note <i>Room: Grand Amphithéâtre</i></p>			
18:15	20:00	Networking Dinner			

# Detailed Sessions Agenda

## Morning Sessions

Time	Title	Authors	Affiliation
<b>Session 1.1 Energy Management</b> <i>Room: Grand Amphithéâtre</i>			
10:00	Advanced Measurements Techniques for Energy Consumption Reduction: The case of the Upper Rhine region	Djaffar Ould	University of Haute Alsace
10:30	Fault detection and least cost maintenance in future energy systems	Christian Neumann	Mondas GmbH
<b>Session 1.2 Energy Management</b> <i>Room: Grand Amphithéâtre</i>			
11:30	Energy cost aware scheduling problems for multi- state systems	Mohsen Aghelinejad	University of Technology of Troyes
12:00	Electrical Vehicle Charging coordination algorithms framework	Quy Nguyen	Chaire connected Innovation
12:30	Extended validation of a graph-based modelling methodology for high-pressure networks	Michel Basset	University of Haute Alsace
<b>Session 2.1 Industrial IT Security</b> <i>Room: Salle de Conseil (3rd floor)</i>			
10:00	Graph-based Anomaly Detection for the Industry of the Futur	Pierre Parrend	ECAM Strasbourg/ University of Strasbourg
10:30	Training Laboratory Cyber Security for Energy Supply Systems	Steffen Nicolai	Fraunhofer IOSB
<b>Session 2.2 Industrial IT Security</b> <i>Room: Salle de Conseil (3rd floor)</i>			
11:30	Efficient solutions for Energy and Security Challenges in Transportation based on cloud computing	Lyes Khoukhi	University of Technology of Troyes
12:00	Gateway for Industrial Cyber-Physical Systems with Hardware-Based Trust Anchors	Diethelm Bienhaus	Technische Hochschule Mittelhessen
12:30	Digital Transformation of the Shopfloor	Wolfgang Mahanty	Optimum GmbH

# Detailed Sessions Agenda

## Afternoon Sessions

Time	Title	Authors	Affiliation
	Session 3.1 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i>		
14:45	Towards a standard process model for production process optimization with machine learning	Julius Pfrommer	Fraunhofer IOSB
15:15	Joint pricing and production optimization with a variable capacity	Paulin Couzon	Chaire connected Innovation
	Session 3.2 Artificial Intelligence and Decision Making <i>Room: Grand Amphithéâtre</i>		
16:15	Embedded Machine Learning for Industrial Measurement Applications	René Ohlmann	ADDI-DATA GmbH
16:45	Artificial intelligence and decision making in Energy: an industrial feedback	Hicham Chehade	Opta LP
17:15	Energy management and consumption analysis with machine learning techniques	Patrice Wira	University of Haute Alsace
	Session 4.1 Human in Networked Factories <i>Room: Salle de Conseil (3rd floor)</i>		
14:45	Future of production: the changing role of companies and society in sustainable Product-service systems	Estephania DELGADILLO JAIME	University of Technology of Troyes
15:15	QSelect – Digital defect marking directly on a workpiece	Gerrit Holzbach	Fraunhofer IOSB
	Session 4.2 Human in Networked Factories <i>Room: Salle de Conseil (3rd floor)</i>		
16:15	Gesture Control in the Smart Factory - Seamless interaction between humans and machines	Christoph Amma	Kinemic GmbH
16:45	Collaboration improvement through the use of a Lean 4.0 toolkit: the case of SAREL Schneider Electric	Jordan Tappert	University of Strasbourg
17:15	Digital system for communication and permanent information in industrial environments	Gregory Jacquet	Interfacile