

Meeting room:
Building D1- 8102, 1st floor



Industry 4.0: technologies, future trends and applications



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School of Engineering
University of Jaén
November 20th and 21th, 2019
Jaén (Spain)

IFM2E 2019:
<http://www.ifme2019.com/>
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IFM2E 2019. School of Engineering, University of Jaén
November 20th and 21th 2019, Jaén (Spain)
Topic: Industry 4.0: technologies, future trends and applications

PROGRAM

Wednesday, 20th of November

8:30 - 9:00	Registration
9:00 - 9:30	Opening Session
	Welcome: Mr. Juan Gómez Ortega, Rector of the University of Jaén
	Starting the forum
9:30 - 10:30	1st Session: Industry 4.0, Chair: Mrs. Silvia Satorres Martínez
	T1. Title: Automation and IoT applied to the agrifood sector Presenter: Mr. Manuel Berenguel Soria (University of Almería, Spain)
	T2. Title: Risk Management 4.0 – Difference between traditional risks and those developing in an industry 4.0 environment Presenter: Mr. Süleyman Toraşan (HFWUNürtingen-Geislingen in Nürtingen, Germany)
	T3. T3>Title: Picualia, an interconnected olive oil mill model Presenter: Mr. Juan Antonio Parrilla González (Picualia Manager, Spain)
10:30 - 11:00	Coffee break
11:00 - 12:30	2nd Session: Companies & HEIs cooperation. Chair: Mr. Matti Kurki
	T1. Title: Trends in Polymer Industry Presenter: Mr. Daniel Aguilera Puerto (Andaltec, Spain)
	T2. Title: Flexible fire protection: Future trends and applications Presenter: Mr. Sebastian Gelfelt (Stoebich, Germany) – <i>Virtual presentation</i>
	T3. Title: Automation and Robotics: Practical Approaches of the New JAMK Focus Area Presenter: Mr. Matti Kurki (JAMK University of Applied Sciences, Finland)
	T4. Title: Inventory management by smart fittings Presenter: Mr. Jan Grönholm (ITAB FINLAND, Finland) – <i>virtual presentation</i>
13:00 - 14:00	Lunch at UJA
14:30 - 15:30	3rd Session: Process control & Automation in 4.0. Chair: Mrs. Elisabet Estévez Estévez
	T1. Title: A tool suite for automatic generation of modular machine projects Presenter: Mrs. Elisabet Estévez Estévez (University of Jaén, Spain)
	T2. Title: Production Planning and Automatic Control of the Virgin Olive Oil Production Process Presenter: Mr. Pablo Cano Marchal (University of Jaén, Spain)
	T3. Title: New sensors applied to agriculture Presenter: Mr. Diego Martínez Gila (University of Jaén, Spain)
15:30 - 17:30	4th Session: Company visit
	Transportation and visit at Picualia (oil-mill)
17:30 - 18:00	Transportation back to hotels
18:00 - 20:00	Free time
20:00	City center walking tour & dinner

Thursday, 21th of November

9:00 – 10:30	5th Session: HEI Bus: Real life problem solving presentations & New proposals. Chair: Mrs. Anneli Kakko
	T1. Title: Real life problem solving Projects: How students can experience multidisciplinary and multicultural work life Presenters: Mrs. Marlen Mullins (Hochschule Esslingen, Germany), Mrs. Silvia Satorres Martínez & Mr. Javier Sevilla Salcedo (University of Jaén, Spain)
	T2. Title: New cooperation model between university experts and companies Presenter: Mr. Jorma Matilainen (JAMK University of Applied Sciences, Finland)
	T3. Title: The role of communication and some empirical aspects regarding Companies – HEIs cooperation Presenter: Mrs. Violeta Firescu (Technical University of Cluj-Napoca, Romania)
	T4. Title: Main outcomes of HEI Bus project Presenter: Mrs. Anneli Kakko (JAMK University of Applied Sciences, Finland)
10:30 – 11:00	Coffee break
11:00 – 12:00	6th Session: Open Session. Chair: Mr. Javier Gámez García
	T1. Title: Autonomous Robotic Systems for Waste Management in the context of Circular Economy Presenters: Mr. Ciprian-Radu Rad, Mr. Olimpiu Hancu and Mr. Ciprian Lapusan (Technical University of Cluj-Napoca, Romania)
	T2. Title: The Application of Accelerated Life Testing Method for Micro Switches Presenter: Mrs. Vivien Sipkas (University of Miskolc, Hungary) – <i>virtual presentation</i>
	T3. Title: Electronic for Lighting System based on LEDs in Automotive Industry Presenter: Mr. Antonio D. Illán Cabeza (Electronic Design Leader, Valeo Lighting System)
12:00 – 12:30	Announcement of IFM2E 2020 & Closing IFM2E 2019
13:00 – 14:00	Lunch at UJA
14:00 – 16:00	Free time
16:00	Transportation to Baeza
	Visit tour
20:00	Dinner
22:30	Transportation to hotels