

Meeting room:
Building D1- 8102, 1st floor



IFM2E 2022



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In close cooperation with:



University of Jaén
November 30th and December 1st 2022
Jaén (Spain)

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IFM2E 2022. University of Jaén

November 30th and December 1st 2022, Jaén (Spain)

Topic: SDG: Contributions from Mechanical and Mechatronics Engineering

PROGRAM

Wednesday, 30th of November

8:30 - 9:00	Registration
9:00 - 9:30	Opening Session
	Welcome by the Rector of University of Jaén Mr. Juan Gómez or other institutional representative
	Starting the forum
9:30 - 10:30	1st Session : Industry, innovation and infrastructure, Chair: Mrs. Silvia Satorres Martínez
	T1. Title: Material Research and Development for 3D Printing of Metals and Ceramics Presenter: Mr. Gia Khanh PHAM (Munich University of Applied Sciences, Germany)
	T2. Title: Continuum Robotics - Solutions for Sustainable Farming Presenter: Mr. Ciprian Rad (Technical University of Cluj-Napoca, Romania)
	T3. Title: Mechanical properties of additively manufactured metal parts Presenter: Mr. Janne Sundelin (JAMK University of Applied Science, Finland)
10:30 - 11:00	Coffee break and Networking with companies
11:00 - 12:30	2nd Session: Quality Education, Chair: Mrs. Anneli Kakko
	T1. Title: International Cooperation Framework for Next Generation Engineering Students. The NextGEng Project Presenter: Mr. Ciprian Lapusan (Technical University of Cluj-Napoca, Romania)
	T2. Title: Bridgebuilding between the generations Takeaways from international co-operation projects from each end of the bridge Presenter: Mr. Juhani Salonen (Valmet Technologies, Finland)
	T3. Title: DigiDemo - Digitizing products – Creating demonstrators for Future Education Presenter: Mr. Robert Amann (Vorarlberg University of Applied Sciences, Austria)
	T4. Title: The main activities and outcomes of ProCESS project Presenter: Mrs. Anneli Kakko (JAMK University of Applied Science, Finland)
13:00 - 14:00	Lunch at UJA
14:00 - 16:00	Free time
16:00	Transportation to Úbeda
	Visit tour
20:30	Dinner
22:45	Transportation back to hotels

Thursday, 1st of December

9:30 – 10:30	3rd Session: Good health and well-being. Chair: Mr. José Ignacio Jiménez González
	T1. Title: Socially assistive robots. A MOOC for healthcare and robotics students Presenter: Mr. Tobias Werner (Vorarlberg University of Applied Sciences, Austria) <i>(on-line)</i>
	T2. Title: Fibrous Materials Towards Body Repair Presenter: Mr. Frederic Heim (Université de Haute-Alsace, France)
	T3. Title: Characterization of the cerebrospinal fluid motion and solute transport along the spinal subarachnoid space Presenter: Mr. Francisco Moral Pulido (Universidad de Jaén, Spain)
	T4. Title: Predicting intracranial pressure fluctuations from measurements of cerebrospinal fluid flow in the spinal canal Presenter: Mr. Wilfried Coenen (Universidad Carlos III, Spain)
10:30 – 11:00	Coffee break and Networking with companies
11:00 – 12:30	4th Session: Responsible production and consumption, Chair: Mr. Rubén Dorado Vicente
	T1. Title: Andaltec Capacities and R&D Activities Presenter: Mr. Daniel Aguilera Puerto (Andaltec, Spain)
	T2. Title: Wired-Laser Metal 3D printing technology Presenters: Mr. Giorgio Olivieri (Meltio, Spain)
	T3. Title: The effect of quality control in sustainable production under the paradigm of Zero Defect Manufacturing in the Automotive Industry Presenter: Mr. Arturo López Riquelme (ISR, Spain)
	T4. Title: Life-CompOlive project: New generation of bioCOMPOsites based on OLIVE fibers for industrial applications Presenter: Mr. Juan Pablo Ferrer Rodríguez (Andaltec, Spain)
13:00 – 14:00	Lunch at UJA
14:00 – 14:30	Coffee break and Networking with companies
14:30 – 15:30	5th Session: Affordable and Clean Energy. Climate Action Chair: Mr. Emilio Muñoz Cerón
	T1. Title: Profitable Soiling Mitigation in Photovoltaic Plants through Cleaning Optimization Presenter: Mr. Leonardo Micheli (Sapienza University of Rome) <i>(on-line)</i>
	T2. Title: Floating photovoltaic systems: technical aspects and challenges Presenter: Mr. Andrés Franco (Isigenere, Spain) <i>(on-line)</i>
	T3. Title: GPU-based simulations for bifacial PV energy gains Presenter: Mr. Jonathan Leloux (LuciSun, Belgium) <i>(on-line)</i>
15:30 – 16:00	Announcement IFM2E 2023 & Closing IFM2E 2022