



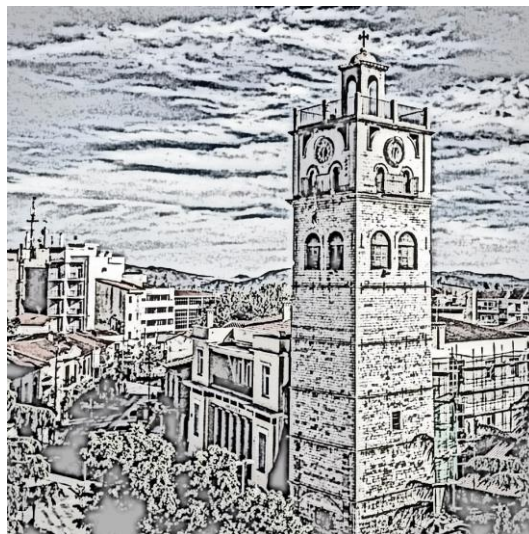
Innovations in Renewable Technologies and Workforce Development

Conference agenda

Kozani, Greece, 27 and 28 November 2023

University of Western Macedonia, ZEP Administration building,
Auditorium

- Discussion**
- ✓ Reskilling in Hydrogen technologies
- Panels:**
- ✓ Production of green fuels
 - ✓ Circular economy
 - ✓ Digital transformation
 - ✓ AI Applications
 - ✓ Smart building developments



Monday, November 27, 2023

9:00 – 15:00	Registration
09:30	Opening Ceremony: Welcome Speech by Prof. Theodoros Theodoulidis, Rector of the University of Western Macedonia, Greece
Session 1: Education in renewable energy technologies <i>Chaired by Prof. Antonios Tourlidakis, Department of Mechanical Engineering - University of Western Macedonia</i>	
09:45 – 10:05	Assist. Prof. Nikolaos Charisiou , Dept. Chemical Engineering, UOWM <i>Description of the Project G.E.M.S.: Goals and results in the participating regions</i>
10:05 – 10:25	Mr. Nikolaos Ntavos , Co-Founder and Manager of CluBE <i>Upskilling & Reskilling in Hydrogen Technologies: The GreenSkills4H2 Project</i>
10:25 – 10:45	Prof. Antonios Tourlidakis , Dept. Mechanical Engineering, UOWM <i>Energy related actions of the Climate Action Plan of the Municipality of Kozani for becoming climate-neutral and smart by 2030.</i>
10:45 – 11:00	Coffee Break
Session 2: Renewable energy sources to clean energy <i>Chaired by Assist. Prof. Nikolaos Charisiou, Department of Chemical Engineering -University of Western Macedonia</i>	
11:00 – 11:20	Dr. Olga Bereketidou , ADVENT <i>ADVENT'S Vision for a cleaner safer world</i>
11:20 – 11:40	Assoc. Prof. Savvas Douvartzides , Dept. Mechanical Engineering, UOWM <i>Opportunities and challenges towards a “hydrogen economy” in the region of Western Macedonia - Greece</i>
11:40 – 12:00	Dr. Giorgos Siakavelas , Dept. Chemical Engineering, UOWM <i>The Laboratory of Alternative Fuels and Environmental Catalysis</i>
12:00 – 12:20	Assist. Prof. Konstantinos Kalogiannis , Dept. Chemical Engineering, UOWM <i>Novel pretreatment methods of biomass for bioferinery processes</i>
12:20 – 12:40	Phd cand. Anastasios Tsiotsias , Dept. Chemical Engineering, UOWM <i>Hydrogen production and utilization in heterogeneous catalytic processes</i>
12:40 – 13:00	Phd cand. Ioannis D. Kontodimos , CPERI/CERTH <i>Biomethane Production yield from waste and wastewater valorization</i>
13:00 – 13:20	Assist. Prof. Antoniadou Maria , Dept. Chemical Engineering, UOWM <i>Photoelectrochemical Hydrogen Production</i>
13:20 – 14:00	Lunch break



Session 3: Circular economy

Chaired by Prof. Katerina Melfou, Department of Agriculture - University of Western Macedonia

14:00 – 14:20	Prof. Katerina Melfou , Department of Agriculture, UOWM <i>Stimulating green employment in the light of the circular economy paradigm</i>
14:20 – 14:40	Prof. Fokion Papathanasiou , Department of Agriculture, UOWM <i>Agro-circularity and Applications in Agriculture: The Role of the Department of Agriculture</i>
14:40 – 15:00	Assist. Prof. Ioannis Giantsis , Department of Agriculture, UOWM <i>Climate change effects on reared aquatic animals: Turning the risks to new perspectives</i>
15:00 – 15:20	Assist. Prof. Georgia Koutouzidou , Department of Agriculture, UOWM <i>Innovations in Renewable Technologies and Workforce Development</i>

Session 4: Getting to know the GEMS partners

Chaired by Dr. Giorgos Siakavelas, Laboratory of Alternative Fuels and Environmental Catalysis - University of Western Macedonia

15:00 – 15:20	Prof. Toni Soklevski , BAS Academy Smilevsky <i>To be confirmed</i>
15:20 – 15:40	Mr Nikola Dimkovski , Regional Chamber of Bitola <i>To be confirmed</i>
15:40 – 16:00	<i>To be confirmed</i>



Tuesday, November 28, 2023

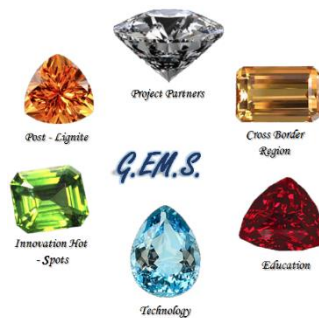
9:00 – 15:00	Registration
Session 1: Green and digital transition	
<i>Chaired by Assoc. Prof. Nikolaos Ploskas, Department of Electrical & Computer Engineering - University of Western Macedonia</i>	
09:30 – 09:50	Mrs. Elena Anagnostou , Municipality of Kozani <i>The Intelligent Cities Challenge; A major challenge for the Municipality of Kozani</i>
09:50 – 10:10	Assoc. Prof. Nikolaos Ploskas , Dept. Electrical and Computer Engineering, UOWM <i>SYNERGiNN EDIH: The Digital Innovation Hub of Western Macedonia</i>
10:10 – 10:30	Assist. Prof. Giorgos Panaras , Dept. Mechanical Engineering, UOWM <i>Digital transformation for sustainable District Heating Networks</i>
10:30 – 10:50	Phd cand. Fotini Dimaraki , Dept. Electrical and Computer Engineering, UOWM <i>eCampus: The first Digital University</i>
10:50 – 11:20	Coffee Break
Session 2: Energy, Environmental & Youth	
<i>Chaired by Assist. Prof. Dimitris G. Kaskaoutis, Department of Chemical Engineering - University of Western Macedonia</i>	
11:20 – 11:40	Dr. Konstantinos Filippidis , Founder & President of Association of Active Youths of Florina, Director Legal of Europe Direct Western Macedonia <i>Educational Centre for Renewable Energy Sources - Youth Engagement and competitive skills</i>
11:40 – 12:10	Dr. Kyriakos Vafiadis , Dept. Mechanical Engineering, UOWM <i>Developments in Wind Energy Sector in Greece</i>
12:10 – 12:30	Assist. Prof. Dimitris Kaskaoutis , Dept. Chemical Engineering, UOWM <i>Atmospheric pollution and health threats from residential emissions</i>
12:30 – 12:50	Assist. Prof. Stylianos Gkaras , Dept. Chemical Engineering, UOWM <i>2009 – 2021 trends of PM10 concentration levels in an industrialized area of northwestern Greece</i>
12:50 – 13:40	Lunch break



Session 3: Smart applications for a green economy

Chaired by Mr. Anastasios Tsiblinas, Center for Research and Technology Hellas, Ptolemaida

13:40 – 14:00	Mr. Evangelos Nomikos , CPERI/CERTH <i>Strengthening green entrepreneurship in a region in transition</i>
14:00 – 14:20	Mr. Anastasios Tsimplinas , CPERI/CERTH <i>AI Applications: Revolutionizing Education and Workforce Development</i>
14:20 – 14:40	Mr. Anastasios Fotopoulos , CPERI/CERTH <i>Automations and Buildings of the near Future</i>
14:40 – 15:00	Assist. Prof. Alkiviadis Tsamis , Dept. Mechanical Engineering, UOWM <i>Effect of Microstructure on Engineering of Soft Biological Materials</i>



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