



ICEFPE22 AGENDA Monday 10 October 2022

08:00-19:00	Registration, Posters, Exhibitors
	Welcome by the Chairman
	S. Logothetidis, Nanotechnology Lab LTFN & HOPE-A
10:00–10:30	Official Opening by Ms. Alexandra Sdoukou, Representative of the Presidency of the Greek Government General Secretariat of Energy and Mineral Resources Official Salutation by Ms. Theopisti Perka, Deputy Head of Energy and Environmental Policies of SYRIZA
	Official Salutation by Dr. Haris Doukas, Secretary of Energy Sector from KINAL/PASOK
Session 1	Innovations of FPEs in Green Energy, Decarbonization, Circular Economy (Chairs: A. Laskarakis, J. Kallitsis)
10:30-11:00 ICEFPE22 Chairman	Flexible Printed Electronics a Green and Digital Industry to boost Green Energy, Decarbonization & Sustainability S. Logothetidis, Nanotechnology Lab LTFN & HOPE-A, Greece
11:00-11:30	Materials for Advanced Energy Related Applications
Keynote	J. Kallitsis, Professor of Polymer Science, University of Patras, Greece
11:30– 12:00	Coffee, Networking Break, Posters, Exhibitors
Session 2	Digital and Intelligent Manufacturing of FPEs (Chair: E. Mekeridis, Th. Kolubsch)
12:00-12:30 Keynote	The pathway to a PFE industry-digital production-Al for process improvement and sustainability in the production process for coating printing & laminating for printed electronics Th. Kolbusch, Coatema Coating Machinery GmbH, Germany
12:30-13:00	Revolutionizing FPEs Manufacturing by In-line Metrology, Quality control for FPEs and Open Innovation
Invited	A. Laskarakis, LTFN/COPE-H, Department of Physics, Aristotle University of Thessaloniki, Greece
13:00-13:30	Fabrication of OLED's by Organic Vapor Phase Deposition (OVPD®) Technology for Display and Lighting Applications
Invited	P. Baumann, AIXTRON SE, Germany
13:30-15:00	Lunch, Networking, Posters, Exhibitors
Session 3	OPV Manufacturing Technologies and Processes (Chair: C. Varlamis, A. Laskarakis)
15:00-15:30	Large Scale Roll-to-Roll Fabrication of fully printed Flexible Printed Electronics (FPEs)
Keynote 15:30-16:00	E. Mekeridis, OE-Technologies P.C., Greece
Invited	Light-Guiding and AR Coatings for Flexible Photovoltaic Modules and Transparent Electrodes by R2R-UV-NIL D. Nees, Joanneum Research Forschungsgesellschaft mbH, Austria
16:00-16:20	Building an industry-driven "innovation ecosystem" through the establishment of platforms for characterization
Invited	Donna Dykeman, ANSYS, Inc., UK
16:20-16:40	In-line characterization of compositional, electronic and structural properties of advanced thin film solar cells
Invited	C. Defranoux, Semilab Semiconductor Physics Laboratory Co. Ltd., France
16:40-16:55	Sustainable laser ablation processes for fabrication of plasmonic colloidal silver NPs to boost PFE applications C. Kapnopoulos, LTFN/COPE-H, Department of Physics, Aristotle University of Thessaloniki, Greece
16:55-20:00	Free Afternoon
20:30	Dinner Invited Speakers ICEFPE - End of Day 1

INTERNATIONAL CONFERENCE

MOITIBIHX3 &





















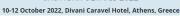
















ICEFPE22 AGENDA Tuesday 11 October 2022

08:00-19:00	Registration, Posters, Exhibitors
Session 4	International Business, Funding & Collaboration (Chairs: A. Laskarakis, R. Silva)
10:00-10:30	Investing in Tech Entrepreneurship in Europe - EIC Funding opportunities
Invited	I. Obieta Vilallonga, European Innovation Council and SMEs Executive Agency (EISMEA), Belgium
	HOPE-A: Building the new Green, Digital and Decarbonized Industry
10:30-11:00	,
Invited	E. Bakalis, HOPE-A, Greece
11:00-11:30	How the European Open Innovation Ecosystem supports SME and Industry in Flexible and Printed Electronics
Invited	Product Development
11 20 12 00	J. Fahlteich, KETMarket GmbH, Germany
11:30– 12:00	Coffee, Networking Break, Posters, Exhibitors
Session 5	Printed OLEDs, Sensors, Batteries and Integrated Systems (Chairs: R. Silva, S. Kassavetis)
12:00-12:30	Printed sensors and integration of battery
Keynote	M. Krebs, CEO, PrintaBattery, Germany
12:30-12:50	Printed sensors and harvesting technologies for energy autonomous applications
Invited	E. Turco, Joanneum Research Forschungsgesellschaft mbH, Austria
12:50-13:10	Printed sensors integration in smart composites using stamping / overmoulding process
Invited	L. Tenchine, Head of "Technologies for Smart Products", CT-IPC, France
13:10-13:30	OLED Manufacturing and Applications: Lighting in Automotive, Buildings and Wearables
Invited	V. Kyriazopoulos, OE-Technologies P.C., Greece
13:30-15:00	Lunch, Networking, Posters, Exhibitors
Session 6	Sensors and Biosensors for Healthcare and Wellbeing (Chairs: E. Turco, Ch. Gravalidis)
15:00-15:30	Towards a Future Sustainable Society with Flexible Electronics
Keynote	S. R. P. Silva, University of Surrey, UK
15:30-15:50	Manufacturing of novel Diagnostic devices and advanced Nanofilters against Pathogens and Viruses
Invited	A. Orfanos, BL Nanobiomed, Greece
15:50-16:10	Manufacturing Flexible & Printed RFIDs and Sensors for IoP
Invited	S. Fachouri, OE-Technologies P.C., Greece
16:10-16:30	Panel Discussion
Session 7	Open Innovation in FPEs in EU: FF2S, MusiCode, Projects (Chairs: E. Lidorikis, C. May)
16:30-16:50	FF2S - a unique R&D service for nano-functionalized plastic and paper surfaces and membranes
Invited	C. May, Fraunhofer FEP, Germany
16:50-17:30	Coffee, Networking Break, Posters, Exhibitors
17:30-17:50	Integrated Services for the FPEs SMEs & Start-Ups for Pilot products by the Nanotechnology Lab LTFN
Invited	S. Kassavetis, LTFN/COPE-H, Department of Physics, Aristotle University of Thessaloniki, Greece
17:50-18:10	Open Innovation Platform for modelling organic electronic material properties, process, and devices
Invited	E. Lidorikis, University of Ioannina, Greece
18:10-18:25	R&I tools, services and opportunities: from research to impact
Invited	V. Smitka , AMIRES, Czech Republic
Session 8	Start-Ups Support & Competition for the Year Award (Chairs: Th. Kolbusch, A. Laskarakis, A. Chatziparadeisis)
18:25-19:00	Pitches from Start-Ups (5 min each)
	OET, BL-NanoBioMed, Solaires Entreprises Inc, Techlumens SA, DELTA-MPIS, IPC, KETMarket GmbH
19:00-19:15	Award & Main Points by the Committees and the Chairman
19:00-19:15	Closing Remarks
20:30	Dinner Invited Speakers Agrivoltaics - End of Day 2

Supported by





















