

PRELIMINARY PROGRAM

Monday 17 November 2025

08:00-	Registration & Networking		
09:00-09:30	Official Opening Ceremony ICEFPE25		
09:00-09:10	Welcome by the Chairman S. Logothetidis, <i>Chairman ICEFPE25</i>		
09:10-09:30	Official Openings and Government Policies		
09:30-11:30	Building the FPEs Green Industry, Green Energy & Health for a Climate - Neutral Economy Session 1 Chair: A. Laskarakis		
09:30-10:00	Building a Sustainable and Green Manufacturing Industry of Flexible Printed Organic Electronics Keynote S. Logothetidis, <i>Nanotechnology Lab LTFN/COPE-Nano, HOPE-A, Greece</i>		
10:00-10:30	Polymers, electronics and the genesis of polymer printed flexible electronics Keynote G. Hadziioannou, <i>University of Bordeaux, France</i>		
10:30-11:00	Novel Materials and Device Architectures for Wearables Keynote G. Malliaras, <i>University of Cambridge, UK</i>		
11:00-11:30	Advancing OPVs towards certified IPV products for a Greener Future Invited I. Gkaragkos, <i>Organic Electronic Technologies (OET), Greece</i>		
11:30-12:00	Coffee, Networking, Posters, Exhibitors		
12:00-13:30	Digital and Intelligent Manufacturing of FPEs for Energy Session 2 Chair: D. Tselekidou		
12:00-12:30	Digitalization of every step in the production value chain - How to get from digital twins to Coating as a service Keynote T. Kolbusch, <i>Coatema Coating Machinery GmbH, Germany</i>		
12:30-13:00	Inline metrology solutions for OPV production line Invited T. Brigancz, <i>Semilab Semiconductor Physics Laboratory Co. Ltd., France</i>		
13:00-13:30	Title to be announced soon Invited I. Raptis, <i>COO & Co-founder, ThetaMetrisis SA, Greece</i>		
13:30-15:00	Lunch, Networking, Posters, Exhibitors		
15:00-16:45	FPEs Manufacturing, Processes and Integration Session 3 Chair: S. Kassavetis		
15:00-15:30	Towards mass production of Integrated Organic Photovoltaics (IPVs) Keynote E. Mekeridis, <i>OE-Technologies P.C., Greece</i>		
15:30-15:50	Development of Femtosecond Laser Patterning Systems for P1, P2 P3 Process for Digital Patterning of OPV Cells, Enabling Differentiated Design with Freeform Shapes Invited V. Sabonis, <i>Workshop of Photonics, Lithuania</i>		
15:50-16:10	Roll-to-Roll Spatial Atomic Layer Deposition: A Key Enabling Technology for Flexible Electronic Devices Encapsulation Invited H.W. de Vries, <i>SALD B.V., The Netherlands</i>		
16:10-16:30	R2R Laser Patterning Enabling High-Performance Semi-Transparent OPVs Invited C. Kapnopoulos, <i>LTFN/COPE-Nano, Greece</i>		
16:30-16:45	Printed and Flexible Displays: Techniques, Optical Measurements and Testing K. Blankenbach, <i>Display Lab, Pforzheim University, Germany</i>		
16:45-18:00	Advanced Materials, Testing & Multiscale Modelling for FPE Devices Session 4 Chair: K. Porfyrakis		
16:45-17:15	Outdoor Reliability and Metastability of Perovskite Photovoltaics Keynote E. Kymakis, <i>Hellenic Mediterranean University Research Center, Greece</i>		
17:15-17:45	Advancing Printed Organic & Perovskite Photovoltaics: Scalable Fabrication & Metrology for Next-Generation Flexible Solar Technologies Invited A. Laskarakis, <i>LTFN/COPE-Nano, Greece</i>		
17:45-18:00	Unravelling the path towards fully additive manufactured electrochemical devices through transformable binder inks I. Petsagkourakis, <i>RISE Research Institutes of Sweden, Unit of Bio-and-Organic Electronics, Sweden</i>		
18:00-20:00	ICEFPE25 & AGRIVOLTAICS 2025 Posters, Coffee, Networking (Room Socrates B & C)	18:00-20:00 INTERNAL	HE Flex2Energy Technical Meetings Consortium only (Room Hippocrates)
21:00	Dinner for Invited Speakers		

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Tuesday 18 November

08:00-	Registration & Networking	
09:00-11:30	Green Energy for Smart Cities and Sustainability	
Session 5	Chair: A. Laskarakis	
09:00-09:30	Title to be announced soon	
Keynote	V. Marinakis, <i>Division of Industrial Electric Devices and Decision Systems, NTUA / President, DAEM SA., Greece</i>	
09:30-10:00	Climate Contract of Athens: From its participatory drafting to its implementation	
Invited	N. Chrysogelos, <i>Athens Deputy Mayor of Climate Governance and Social Economy</i>	
10:00-10:30	Developing global OPV business, through holistic application development and application platform	
Invited	E. Margaritis, <i>OE-Technologies (OET), Greece</i>	
10:30-11:00	Integrating Organic Printed Photovoltaics into Building Envelopes: Alumil's Role in the Flex2Energy Project	
Invited	M. Vlachaki, <i>EU Co-funded Projects Associate, ALUMIL, Greece</i>	
11:00-11:30	Enhancing the Long-Term Stability of Integrated OPVs	
Invited	S. Zygridou <i>Organic Electronic Technologies (OET), Greece</i>	
11:30- 12:00	Coffee, Networking Break, Posters, Exhibitors	
12:00-13:30	Flexible Printed Electronics, Sensors and Biosensors (Healthcare, Wellbeing, Defense, Environment, and Agriculture) (Part A)	
Session 6	Chair: K. Porfyraakis	
12:00-12:30	Flexible Electronics Utilizing Printed Technologies: Device Applications	
Invited	G. Kaltsas, <i>Head of the microSENSES Lab, University of West Attica, Greece</i>	
12:30-13:00	Digital Material & Product Passport for Flexible Printed Electronics: Status Quo and Outlook	
Invited	A. Laskarakis, <i>LTFN/COPE-Nano, Greece</i>	
13:00-13:30	Holistic Integrated Services for Printed Electronics SMEs	
Invited	S. Kassavetis, <i>LTFN/COPE-Nano, Greece</i>	
13:30-15:00	Lunch, Networking, Posters, Exhibitors	
15:00-17:00	Flexible Printed Electronics, Sensors and Biosensors (Healthcare, Wellbeing, Defense, Environment, and Agriculture) (Part B)	
Session 6	Chair: S. Kassavetis	
15:00-15:30	From Production to Early Diagnosis: The Role of Printed Biosensors in Diseases Monitoring	
Invited	K. Tsimenidis, <i>Organic Electronic Technologies (OET), Greece</i>	
15:30-16:00	Title to be announced soon	
Invited	A. Zachariadis, <i>LTFN/COPE-Nano, Greece</i>	
16:00-16:30	Screen-printed electronic insole for foot pressure analysis	
Invited	A. Agreda, <i>Research Engineer, ELORPrintTec, France</i>	
16:30-16:45	Toward Circular Sensing: Reusable Printed Sensor Technologies and Sustainable Materials Innovations in the EECONE Project	
	M. Zahid, <i>Quantum Technologies, Optronics & Material Laboratories, Innovation Labs, Italy</i>	
16:45-17:00	Beyond ITO: Highly Conductive and Transparent PEDOT Films Tuned with Bio-derived, Food-based Additives	
	I. Petsagkourakis, <i>RISE Research Institutes of Sweden, Unit of Bio-and-Organic Electronics, Sweden</i>	
17:00-19:00	Green Energy for Autonomous Islands and Sustainability	
Session 7	Chairs : A. Laskarakis, D. Tselekidou	
17:00-17:30	Interactive Green Park of Chalki: A Living Demonstration of Sustainable Island Technologies	
Invited	E. Bekiaris, <i>Director General of CERTH, Greece</i>	
17:30-18:00	Greek Islands as Beacons of Sustainability: Pioneering the Green Future	
Invited	D. Kollias, <i>Advisor, Hellenic Ministry of Environment and Energy, Greece</i>	
18:00-18:30	Enhancing the Photodynamic Activity of Nanomaterials for Water Purification	
Invited	K. Porfyraakis, <i>COPE-Nano, Greece</i>	
18:30-19:00	Third Generation Solar Panels for Pleasure Boats	
Invited	L. Gourtsoyannis, <i>President, Istia Aigaiou, Greece</i>	
19:00-19:30	ICEFPE25 & AGRIVOLTAICS 2025 Posters, Coffee, Networking (Room Hippocrates)	19:00-19:30 HORIZON EUROPE Project Meetings (Room Thales)
Posters		INTERNAL
19:30-21:30	NANOFUTURE EVENT (Room Socrates B & C)	
21:00	Cocktail Reception	

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PRELIMINARY PROGRAM

Wednesday 19 November

08:00-	Registration & Networking
09:00-10:00	Official Opening Ceremony AGRIVOLTAICS 2025
09:00-09:15	Welcome by the Chairman S. Logothetidis, <i>Chairman AGRIVOLTAICS 2025</i>
09:15-10:00	Official Openings and Government Policies To be announced soon
10:00-11:30	Agrivoltaics Collaborative Technologies and Ventures Session 8 Chair: A. Laskarakis
10:00-10:30	A GAME CHANGER IN AGRICULTURE: Semi-Transparent Flexible PVs for Triple Land Use in GHs & Open Field Cultivations Keynote S. Logothetidis, <i>HOPE-A & Nanotechnology Lab LTFN, AUTH, Greece</i>
10:30-11:00	From Materials to Sensors, From Concepts to Insight: Advanced Sensing Technologies for Agri-Food and Environmental Invited Applications G. Kitic, <i>University of Novi Sad, Serbia</i>
11:00-11:30	Agrivoltaics in Vineyards Invited S. Koundouras, <i>School of Agriculture, Aristotle University of Thessaloniki, Greece</i>
11:30-12:00	Coffee, Networking, Posters, Exhibitors
12:00-13:30	Advancements in Crop Harvesting by Integrated OPV and OLED in Greenhouses (Part A) Session 9 Chair: K. Porfyrakis
12:00-12:30	Green-light Wavelength-selective Organic Photovoltaics for Greenhouse Application Invited Y. Ie, <i>Institute of Scientific and Industrial Research (SANKEN), Osaka University, Japan</i>
12:30-13:00	Bioland Energy: Advancing Renewable Solutions for a Sustainable Future Invited A. Symeonides, <i>Environmental Engineer, Project Coordinator & European Energy Manager, Bioland Energy Ltd., Cyprus</i>
13:00-13:30	Next-Generation Agrivoltaics: Enhancing Sustainability through OPV Integration Invited S. Michailidou, <i>Organic Electronic Technologies P.C. Greece</i>
13:30-15:00	Lunch, Networking, Posters, Exhibitors
15:00-16:00	Advancements in Crop Harvesting by Integrated OPV and OLED in Greenhouses (Part B) Session 9 Chair: S. Kassavetis
15:00-15:30	Advanced LED and OLED Lighting Solutions for Enhanced Plant Growth in Smart Greenhouses Invited D. Tselekidou, <i>LTFN/COPE-Nano, Department of Physics, Aristotle University of Thessaloniki, Greece</i>
15:30-15:45	Development of Bifacial Photovoltaics with Micro-Optics for Agrivoltaics and Other Applications H. Müller, <i>Green Building R&D GmbH, Germany</i>
15:45-16:00	Metal Halide Perovskite Photovoltaics for Agrivoltaics J. B. Patel, <i>Department of Physics, King's College London, United Kingdom</i>
16:00-19:00	Optimization Strategies in Agrivoltaics and Floating PVs Session 10 Chairs: D. Tselekidou, S. Michailidou
16:00-16:30	Precision Hydroponics: A solution for problems in Greenhouses Invited G. Lyviakis, <i>IQ CROPS Ltd, Greece</i>
16:30-17:00	Agrivoltaics in practice Invited T. Stavrou, <i>Managing Director & Chairman, VALOREM, Greece</i>
17:00-17:30	Climate-Smart Agriculture and Agrivoltaics: Adapting Farming to a Changing Climate Invited E. Martinidou, <i>Hellenic Organic & Printed Electronics Association (HOPE-A), Greece</i>
17:30-18:00	Floating Agrivoltaics and Hydroponic Greenhouses: Water-Smart, Energy-Neutral Solutions Invited C. Hendriks, <i>Business Development Director, Genap BV, The Netherlands</i>
18:00-18:15	Technoeconomic assessment of a hybrid floating photovoltaic aquaculture system K. Polychronakis, <i>Department of Thermal Engineering, National Technical University Athens, Greece</i>
18:15-19:00	Panel Discussion with Stakeholders (S. Logothetidis, G. Lyviakis, E. Margaritis, A. Chatziparadeisis) Panel Topics include Policies & Regulations, ESG Goals
19:00-19:30	ICEFPE25 & AGRIVOLTAICS 2025 Closing Remarks
21:00	Dinner for Invited Speakers

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