

15th International Conference & Exhibition on Green Flexible Printed Electronics Industry (ICEFPE25) and AGRIVOLTAICS 2025

17 - 19 November 2025, Crowne Plaza Hotel, Athens, Greece



PRELIMINARY PROGRAM

PRELIIVIIIVART PROGRAIVI		
Monday 17 November 2025		
08:00-	Registration & Networking	
09:00-09:30	Official Opening Ceremony ICEFPE25	
09:00-09:10	Welcome by the Chairman	
00:10 00:20	S. Logothetidis, Chairman ICEFPE25 Official Openings and Government Policies	
09:10-09:30		
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 Keynote	Building a Sustainable and Green Manufacturing Industry of Flexible Printed Organic Electronics S. Logothetidis, Nanotechnology Lab LTFN/COPE-Nano, HOPE-A, Greece	
10:00-10:30	Polymers, electronics and the genesis of polymer printed flexible electronics	
Keynote	G. Hadziioannou, University of Bordeaux, France	
10:30-11:00	Novel Materials and Device Architectures for Wearables	
Keynote	G. Malliaras, University of Cambridge, UK	
11:00-11:30	Aesthetic Sustainability: Embedding Organic Photovoltaics into Architectural Design and Building Construction	
Invited	I. Gkaragkos, OET Energy Technologies, Greece	
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, Coatema Coating Machinery GmbH, Germany	
12:30-13:00	Inline metrology solutions for OPV production line	
Invited	T. Brigancz, Semilab Semiconductor Physics Laboratory Co. Ltd., France	
13:00-13:30	Title to be announced soon	
Invited	I. Raptis, COO & Co-founder, ThetaMetrisis SA, Greece	
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	Scaling Organic Photovoltaics for Industrial Production: From Pilot to Product	
Keynote 15:30-15:50	E. Mekeridis, OET Energy Technologies, Greece Development of Femtosecond Laser Patterning Systems for P1, P2 P3 Process for Digital Pattering of OPV Cells, Enabling	
Invited	Differentiated Design with Freeform Shapes	
invited	V. Sabonis, Workshop of Photonics, Lithuania	
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, SALD B.V., The Netherlands	
16:10-16:30	Laser Manufacturing Technologies for Flexible Electronic Applications	
Invited	C. Kapnopoulos, LTFN/COPE-Nano, Greece	
16:30-16:45	Printed and Flexible Displays: Techniques, Optical Measurements and Testing K. Blankenbach, Display Lab, Pforzheim University, Germany	
16:45-18:00	Advanced Materials, Testing & Multiscale Modelling for FPE Devices	
Session 4	Chair: K. Porfyrakis Outdoor Polichility and Matastability of Parayakita Photogoltaisa	
16:45-17:15 Keynote	Outdoor Reliability and Metastability of Perovskite Photovoltaics E. Kymakis, Hellenic Mediterranean University Research Center, Greece	
17:15-17:45	Advancing Printed Organic & Perovskite Photovoltaics: Scalable Fabrication & Metrology for Next-Generation Flexible	
Invited	Solar Technologies	
	A. Laskarakis, LTFN/COPE-Nano, Greece	
17:45-18:00	Unravelling the path towards fully additive manufactured electrochemical devices through transformable binder inks	
	I. Petsagkourakis, RISE Research Institutes of Sweden, Unit of Bio-and-Organic Electronics, Sweden	
18:00-20:00	ICEFPE25 & AGRIVOLTAICS 2025 Posters, Coffee, Networking 18:00-20:00 HE Flex2Energy Technical Meetings	
	(Room Socrates B & C) INTERNAL Consortium only (Room Hippocrates)	
21:00	Dinner for Invited Speakers	
21.50		

































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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, Division of Industrial Electric Devices and Decision Systems, NTUA / President, DAEM SA., Greece		
09:30-10:00	Climate Contract of Athens: From its participatory drafting to its implementation		
Invited	N. Chrysogelos, Athens Deputy Mayor of Climate Governance and Social Economy		
10:00-10:30	OPV Global Technology Leadership Opportunities & Challenges		
Invited	E. Margaritis, OET Energy Technologies, Greece		
10:30-11:00	Integrating Organic Printed Photovoltaics into Building Envelopes: Alumil's Role in the Flex2Energy Project		
Invited	M. Vlachaki, EU Co-funded Projects Associate, ALUMIL, Greece		
11:00-11:30	Enhancing the Long-Term Stability of Integrated OPVs		
Invited	S. Zygridou, OET Energy Technologies, Greece		
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. Porfyrakis		
12:00-12:30	Flexible Electronics Utilizing Printed Technologies: Device Applications		
Invited	G. Kaltsas, Head of the microSENSES Lab, University of West Attica, Greece		
12:30-13:00	Digital Material & Product Passport for Flexible Printed Electronics: Status Quo and Outlook		
Invited	A. Laskarakis, LTFN/COPE-Nano, Greece		
13:00-13:30	Holistic Integrated Services for Printed Electronics SMEs		
Invited	S. Kassavetis, LTFN/COPE-Nano, Greece		
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, OET Energy Technologies, Greece		
15:30-16:00	Title to be announced soon		
Invited	A. Zachariadis, LTFN/COPE-Nano, Greece		
16:00-16:30	Screen-printed electronic insole for foot pressure analysis		
Invited	A. Agreda, Research Engineer, ELORPrintTec, France		
16:30-16:45	Toward Circular Sensing: Reusable Printed Sensor Technologies and Sustainable Materials Innovations in the EECONE Project M. Zahid, Quantum Technologies, Optronics & Material Laboratories, Innovation Labs, Italy		
16:45-17:00	Beyond ITO: Highly Conductive and Transparent PEDOT Films Tuned with Bio-derived, Food-based Additives		
10.43-17.00	I. Petsagkourakis, RISE Research Institutes of Sweden, Unit of Bio-and-Organic Electronics, Sweden		
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, Director General of CERTH, Greece		
17:30-18:00	Greek Islands as Beacons of Sustainability: Pioneering the Green Future		
Invited	D. Kollias, Advisor, Hellenic Ministry of Environment and Energy, Greece		
18:00-18:30	Enhancing the Photodynamic Activity of Nanomaterials for Water Purification		
Invited	K. Porfyrakis, COPE-Nano, Greece		
18:30-19:00	Third Generation Solar Panels for Pleasure Boats		
Invited	L. Gourtsoyannis, President, Istia Aigaiou, Greece		
19:00-19:30	ICEFPE25 & AGRIVOLTAICS 2025 Posters, Coffee, 19:00-19:30 HORIZON EUROPE Project Meetings		
Posters	Networking (Room Hippocrates) INTERNAL (Room Thales)		
19:30-21:30	NANOFUTURE EVENT (Room Socrates B & C)		
21:00	Cocktail Reception		























































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Wednesday 19 November		
08:00-	Registration & Networking	
09:00–10:00	Official Opening Ceremony AGRIVOLTAICS 2025	
09:00-09:15	Welcome by the Chairman	
00.45.40.00	S. Logothetidis, Chairman AGRIVOLTAICS 2025	
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 Keynote	A GAME CHANGER IN AGRICULTURE: Semi-Transparent Flexible PVs for Triple Land Use in GHs & Open Field Cultivations S. Logothetidis, HOPE-A & Nanotechnology Lab LTFN, AUTh, Greece	
10:30-11:00	From Materials to Sensors, From Concepts to Insight: Advanced Sensing Technologies for Agri-Food and Environmental	
Invited	Applications	
	G. Kitic, University of Novi Sad, Serbia	
11:00-11:30	Agrivoltaics in Vineyards	
Invited	S. Koundouras, School of Agriculture, Aristotle University of Thessaloniki, Greece	
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. le, Institute of Scientific and Industrial Research (SANKEN), Osaka University, Japan	
12:30-13:00	Bioland Energy: Advancing Renewable Solutions for a Sustainable Future	
Invited	A. Symeonides, Environmental Engineer, Project Coordinator & European Energy Manager, Bioland Energy Ltd., Cyprus	
13:00-13:30	Next-Generation Agrivoltaics: Enhancing Sustainability through OPV Integration	
Invited	S. Michailidou, OET Energy Technologies, Greece	
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 Invited	Advanced LED and OLED Lighting Solutions for Enhanced Plant Growth in Smart Greenhouses	
Invited	D. Tselekidou, LTFN/COPE-Nano, Greece Development of Bifacial Photovoltaics with Micro-Optics for Agrivoltaics and Other Applications	
15:30-15:45	H. Müller, Green Building R&D GmbH, Germany	
45 45 44 55	Metal Halide Perovskite Photovoltaics for Agrivoltaics	
15:45-16:00	J. B. Patel, Department of Physics, King's College London, United Kingdom	
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, IQ CROPS Ltd, Greece	
16:30-17:00	Agrivoltaics in practice	
Invited	T. Stavrou, Managing Director & Chairman, VALOREM, Greece	
17:00-17:30	Climate-Smart Agriculture and Agrivoltaics: Adapting Farming to a Changing Climate	
Invited	E. Martinidou, Hellenic Organic & Printed Electronics Association (HOPE-A), Greece	
17:30-18:00 Invited	Floating Agrivoltaics and Hydroponic Greenhouses: Water-Smart, Energy-Neutral Solutions C. Hendriks, Business Development Director, Genap BV, The Netherlands	
18:00-18:15	Technoeconomic assessment of a hybrid floating photovoltaic aquaculture system	
10.00*10.15	K. Polychronakis, Department of Thermal Engineering, National Technical University Athens, Greece	
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















