

## AGENDA 11 October 2021

All times displayed in Greece local time (UTC/GMT+3)

08:00 – 19:00	Registration, Posters, Exhibitors
09:30–10:20	Welcome by the Chairman, Prof. S. Logothetidis, Nanotechnology Lab LTFN & HOPE-A
	Opening Presentation by Representative of the Greek Deputy Minister for Research & Technology Mr. Michalis Dritsas
<b>Session 1</b>	<b>Innovations of FPEs in Green Energy, Decarbonization, Circular Economy</b> (Chairs: G. Hadziioanou, A. Laskarakis)
10:20 – 10:50 Keynote	FPEs a new Green and Digital Industry to boost Green Energy, Decarbonization and Sustainability Prof. S. Logothetidis, Nanotechnology Lab LTFN & HOPE-A, Greece
10:50 – 11:20 Keynote	Technologies & emerging materials of tomorrow's PEs: towards the economic independence of countries and sovereignty Prof. G. Hadziioannou, University of Bordeaux, France
11:20 - 11:40	Sustainability of energy autonomous sensor systems Dr. Luigi G. Occhipinti, University of Cambridge, UK
11:40– 12:10	Networking Break, Posters, Exhibitors
12:10	Greek Government Representative, Minister of Development & Investments Mr. Adonis Georgiadis
<b>Session 2</b>	<b>Digital and Intelligent Manufacturing of FPEs</b> (Chairs: J. Koc-Richter, S. Kassavetis)
12:30 – 13:00 Keynote	Revolutionizing FPEs Manufacturing by In-line Metrology, Quality control for FPEs manufacturing and Open Innovation Prof. A. Laskarakis, LTFN/COPE-H, AUTH, Greece
13:00 – 13:30 Keynote	The pathway to a PFE industry – digital production – AI for process improvement and sustainability in the production process for coating printing & laminating for printed electronics Mr. Th. Kolbusch, Vice President, Coatema Coating Machinery GmbH, Germany
13:30 – 13:45	Organic Vapor Phase Deposition (OVPD®) Technology of OLED for Display and Lighting Applications Dr. P. Baumann, APEVA SE, Germany
13:45 – 15:15	Lunch, Networking, Posters, Exhibitors
<b>Session 3</b>	<b>Open Innovation in FPEs in EU: FF2S, MusiCode, NanomeCommons Projects</b> (Chairs: E. Lidorikis, C. Gravalidis)
15:15 – 15:45 Keynote	FF2S: How Nano-functionalisation of Plastic and Paper Surfaces and Membranes reduces Plastic Waste in the World Dr. J. Fahlteich, Fraunhofer FEP, Germany
15:45 – 16:00	Printed Electronics Open Innovation LTFN Lab Test Bed Services to Start-ups & SMEs Dr. S. Kassavetis, LTFN/COPE-H, AUTH, Greece
16:00 – 16:20	Materials Characterisation in the era of Digital Transformation: twin transition challenges and perspectives towards a Decarbonized and Circular Economy Prof. C. Charitidis, Director of RNanoLab, National Technical University of Athens, Greece
16:20 – 16:40	Open Innovation Platform for modelling organic electronic material properties, process, and devices Prof. Eleftherios Lidorikis, University of Ioannina, Greece
<b>Session 4</b>	<b>OPV (3<sup>rd</sup> Gen PV) Manufacturing Technologies &amp; Building Integration OPVs</b> (Chair: Th Kolbusch, M.Ntovas)
16:40 – 17:10 Keynote	Green Flexible Printed Power for a Sustainable World of Wearables Prof. S. R. P. Silva, University of Surrey, UK
17:10 – 17:40 Keynote	Strategies for Increasing the Efficiency of Organic Photovoltaics Prof. Thomas Anthopoulos, King Abdullah University of Science and Technology (KAUST), KAUST Solar Centre, Saudi Arabia
17:40 – 17:55	Large Scale Manufacturing of fully printed Organic Photovoltaics (OPVs) Mr. E. Mekeridis, Production & Quality Control Manager, OE-Technologies P.C., Greece
17:55 – 18:10	Tailored R2R equipment for green flexible electronics manufacturing Dr. Julian Koc-Richter, R&D Project Manager, Coatema Coating Machinery GmbH, Germany
18:10 – 18:25	Manufacturing Flexible & Printed Perovskites Solar Cells Mr. Anastasios Galatsopoulos, OE-Technologies P.C., Greece
18:25 – 18:40	OPVs novel Solutions for Building Integration Photovoltaics Mr. Chrisostomos Varlamis, OE-Technologies P.C., Greece
18:40 – 19:20	Networking Break, Posters, Exhibitors
20:00	Official Dinner - End of Day 1

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08:00 – 19:00	Registration, Posters, Exhibitors
<b>Session 5</b>	<b>International Business &amp; International Collaboration to Succeed (Ch:G. Hadziioannou, A. Chatziparadeisis)</b>
09:30 – 09:45	AFELIM France Association and Activities Prof. G. Hadziioannou, University of Bordeaux, France
09:45 – 10:00	EIC portfolio and hands-on approach to facilitate the sustainable electronics innovation journey Dr. Fr. Matteucci, Program Manager in Green Technologies, European Innovation Council, Belgium
10:00 – 10:15	HOPE-A: Building the new Green, Digital and Decarbonized Industry Mr. E. Bakalis, HOPE-A, Greece
10:15 – 10:30	OPV Business Internationally in the Globe: Buildings, Automotive, Greenhouses Mr. M. Papadopoulos, OE-Technologies P.C., Greece
10:30 – 11:00	Networking Break, Posters, Exhibitors
<b>Session 6</b>	<b>Sensors and Biosensors for Medicine and Packaging (Chair: V. Karagkiozaki)</b>
11:00 – 11:30 Keynote	Flexible Electronics for Bioelectronic Medicine Prof. G. Malliaras, Department of Engineering, University of Cambridge, UK
11:30 – 11:45	Manufacturing of novel Diagnostic devices and advanced Nanofilters against Pathogens and Viruses Mr. A. Orfanos, BL Nanobiomed, Greece
11:45 – 12:00	Manufacturing Flexible & Printed RFIDs and Sensors for IoP (NFC Pack Project) Mr. Salim Fachouri, OE-Technologies P.C., Greece
12:00 – 12:15	Fabrication of Flexible Biosensors for the Detection of Myocardial Infarction Mr. K. Tsimenidis, BL Nanobiomed, Greece
<b>Session 7</b>	<b>Electric Vehicles, Transportation and E-Mobility (Chair: F. Krebs, E. Mekeridis)</b>
12:15 – 12:45 Keynote	Evolution of materials in future vehicles: a new paradigm for the automotive components Dr. Nello Li Pira, Centro Ricerche Fiat, S.C.p.A, Italy
12:45 – 13:00	OLED Manufacturing and Applications: Lighting in Automotive, Buildings and Wearables Mr. V. Kyriazopoulos, OE-Technologies P.C., Greece
13:00 – 13:15	Conductive layers: a new application model for complex shapes Dr. Luca Ferri, R&D Team, Seristudio S.p.A., Italy
13:15 - 13:30	Printable Polymer Semiconductors for large area PLEDs Dr. K. Andreopoulou, University of Patras, Greece
13:30 – 15:00	Lunch, Networking, Posters, Exhibitors
<b>Session 8</b>	<b>3<sup>rd</sup> Generation PV in Agriculture: Energy and Food Production (Chair: P. Mangelis, K. Ntinias)</b>
15:00 – 15:15	Sustainable agricultural structures using green and renewable energy to achieve neutral carbon footprint Dr. Georgios K. Ntinias, Hellenic Agricultural Organization-Dimitra, Renewable Energy Sources in Greenhouses
15:15 – 15:30	Energy Solutions & Applications in Greenhouses (Agrores) Mrs E. Athanasiadou, OE-Technologies P.C., Greece
15:30 – 15:45	Semitransparent OPVs for Energy Efficient Mediterranean Greenhouses (PHOTOKIPIA) Dr. P. Mangelis, OE-Technologies P.C., Greece
15:45 – 16:00	Using LBIC for quality control and defect detection in slot-die coated solar modules Prof. F. Krebs, InfinityPV, Denmark
<b>Session 9</b>	<b>From Green Energy to Green Hydrogen (Chair: S. Logothetidis, M. Ntovas)</b>
16:00– 16:30 Keynote	Autonomous Combined Heat and Power System from regenerative sources "fuel cell/ H2O electrolyser/ H2 storage Dr. St. Neophytides, Inst. of Chemical Engineering Sciences (ICE/HT), Found. of Research and Technology (FORTH), Greece
16:30 – 16:45	Development of Sustainable Renewable - Hydrogen Ecosystem for Greece 2.0 Dr. M. Ntovas, OE-Technologies P.C., Greece
16:45 – 17:00	Polymeric materials for energy related applications Prof. Ch. Deimede, Department of Chemistry, University of Patras
17:00 – 17:15	Technology Development and Manufacturing for Fuel Cells and Electrolyzers Mr. Th. Kolbusch, Vice President, Coatema Coating Machinery GmbH, Germany
17:15 – 17:45	Networking Break, Posters, Exhibitors
<b>Session 10</b>	<b>Start-Ups Support &amp; Competition for the Year Award (Chair: S. Logothetidis, A. Laskarakis)</b>
17:45 – 18:00	FF2S Open Call for Pilot Case Projects to Support Start-Ups and SMEs with 2.50 M€ Dr. S. Kassavetis, LTFN and HOPE-A, Greece
18:00 – 18:30	Pitches from Start-Ups (5 min each) OET, BL-NanoBioMed, Seristudio S.p.A.,
18:30 - 18:45	Award & Main Points by the Committees and the Chairman
18:45 – 19:00	Closing Remarks - End of Day 2

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