

Το “11th International Conference & Exhibition on Green Flexible & Printed Electronics Industry” (www.ltfn.gr/conference/), που θα πραγματοποιηθεί στις **11-12 Οκτωβρίου** στο Ξενοδοχείο **Divani Caravel** στην Αθήνα. Αποτελεί το πρώτο διεθνές υβριδικό γεγονός αφιερωμένο στη Βιομηχανία των Πράσινων, Εύκαμπτων και Εκτυπωμένων Ηλεκτρονικών και **θα πραγματοποιηθεί παράλληλα με δια ζώσης συμμετοχή και με ηλεκτρονική (virtual) μέσω ειδικής διαδικτυακής πλατφόρμας.**

Το Διεθνές Συνέδριο & Έκθεση διοργανώνεται από τον **Ελληνικό Σύνδεσμο Οργανικών & Εκτυπωμένων Ηλεκτρονικών HOPE-A** (www.hope-a.com) και το **Εργαστήριο Νανοτεχνολογίας LTFN του ΑΠΘ** (www.ltfn.gr), με την συμμετοχή διεθνώς αναγνωρισμένων Ειδικών από τον χώρο της Βιομηχανίας και των Επιχειρήσεων, Επενδυτών, Φορέων Διαμόρφωσης Πολιτικών, Εκπροσώπων Εθνικών και Ευρωπαϊκών Αρχών, Κορυφαίων Επιστημόνων, Μηχανικών, με στόχο την σύναψη συνεργασιών, την δικτύωση, και την χάραξη στρατηγικής και πολιτικής για την ενδυνάμωση της ραγδαία αναπτυσσόμενης Βιομηχανίας εκατοντάδων δισεκατομμυρίων των Πράσινων, Εύκαμπτων & Εκτυπωμένων Ηλεκτρονικών και τις Εφαρμογές τους.

Αυτές εστιάζονται στην **Πράσινη Ενέργεια**, τις **Κυψέλες Καυσίμου και το Πράσινο Υδρογόνο**, τα **Ενεργειακά Αυτόνομα Συστήματα**, τον **Φωτισμό**, την **Ηλεκτρονική** και τις **Επικοινωνίες**, την **Αυτοκινητοβιομηχανία** και τα **Ηλεκτρικά Οχήματα**, τα **Έξυπνα Κτίρια** και τις **Έξυπνες Πόλεις**, τα **Ενεργειακά Θερμοκήπια**, την **Έξυπνη Συσκευασία και Ασφάλεια**, την **Υγεία**, τις **Φορέσιμες Τεχνολογίες (Wearables)**, το **Διαδίκτυο των Πραγμάτων (IoT)**, κ.α. και το **ρόλο που διαδραματίζουν στην Πράσινη, Ψηφιακή, Απεξαρτημένη από τον Άνθρακα και την Κυκλική Οικονομία και Βιομηχανία.**

Με εκτίμηση,

Καθηγητής Σ. Λογοθετίδης

Πρόεδρος του Συνδέσμου Οργανικών & Εκτυπωμένων Ηλεκτρονικών Ελλάδος HOPE-A,
Διευθυντής του Εργαστηρίου Νανοτεχνολογίας LTFN, ΑΠΘ &
του Κέντρου Οργανικών & Εκτυπωμένων Ηλεκτρονικών Ελλάδος COPE-H

www.ltfn.gr/conference

11th International Conference & Exhibition on Green Flexible & Printed Electronics Industry

11 - 12 October 2021, Divani Caravel Hotel, Athens

The International Conference & Exhibition will be a Hybrid event, combining both **Live (On-site)** and **Virtual (On-line)** presentations and participation.

[Check out the growing list of Invited Speakers](#)

[Register for the Event](#)

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Dear colleague,

It is our great pleasure to invite you to participate to the **11th International Conference & Exhibition on Green Flexible & Printed Electronics Industry**

(www.ltfn.gr/conference) that will take place on 11-12 October 2021 at the Divani Caravel Hotel Athens, Greece.

The International Conference is organized by the Hellenic Organic & Printed Electronics Association HOPE-A (www.hope-a.com) and the Nanotechnology Lab LTFN (www.ltfn.gr).

This International Conference will bring together Key Industrial Players, End-Users, Entrepreneurs, Investors, Top-class Scientists, Engineers, Policy Makers, Politicians and Representatives from the National, European and International Authorities to discuss, networking, make business and establish the Strategy and Policy for boosting the rapidly evolving Green Flexible & Printed Electronics hundred-Billion euros Industry in Green Energy, Renewable Technologies, Fuel Cells, Green Hydrogen, Energy Autonomous Systems, Lighting, Electronics and Communications, Automotive, Electrical Vehicle, Buildings, Smart Cities, Agriculture, Intelligent Packaging and Security, Health Care, Wearables, IoT, etc. **contributing to a Green, Digital, Decarbonized and Circular Economy Society and Planet.**

The topics to be discussed include:

- Flexible Organic & Printed Electronics and Photonics
- Green & Renewable Energy
- 3rd Generation Photovoltaics
- Bioenergy, Fuel Cells & Green Hydrogen Generation
- Energy Storage and Batteries
- Flexible Lighting and Displays
- Energy and Lighting for Smart Buildings, Smart Cities, Automotive, Greenhouses, Healthcare, IoT
- Energy Autonomous systems in Consumer Electronics, Smart Packaging, Tourism, Defence, etc.
- Energy Production and Energy Autonomy in Agriculture and Food Production
- 3D Printing Electronics in System Integration of Functional Products and Solutions
- Advanced materials, Semiconductors, Electrodes, High Barrier Materials, Inks and Bioinks
- Sensors, Biosensors in Wearables, IoT, Health, Agriculture, etc.
- Manufacturing, Nano-Manufacturing and Processes of FPEs, BioElectronics, etc
- Smart Textiles, Fashion and Wearables
- Intelligent and Smart Packaging, Safety and Security
- Machines, Tools, Lasers, Automation Systems, Robotics, Analytics and AI for Zero-Defect Manufacturing
- Machines and Tools for Digital Transformation of the Industry
- FPEs in Green Deal and Decarbonization Global Activities and Policies
- Clusters and Associations in Flexible & Printed Electronics Worldwide
- Flexible & Printed Electronics Entrepreneurial activities
- Markets, Funding & Commercialization Opportunities

Funding Opportunities for 20 Start-Ups, SMEs and Mid-Caps to transform a product idea into a functional product

The Nanotechnology Lab LTFN & the EU-funded project FlexFunction2Sustain (FF2S) partners organize a special Session to present to FF2S open call for proposals:

- 2.25 M€ Funding and the provided Support via the FF2S available budget,
- The State-Of-The-Art Services & Pilot Productions Facilities of the FF2S Open Innovation Ecosystem,
- Calls for proposals, the application procedures and the selection criteria.

Start-Ups, SMEs & Mid-Caps active in:

- Sustainable Smart Packaging & Smart (Bio-) Degradable Packaging
- Surfaces & Membranes in Bio Application
- Plastic & Paper Electronics
- Optical Films for Security & Design
- Green & Digital Manufacturing

Call for Start-up Competition & Posters Awards

Become part of an exciting business program and promote your activities through the following options:

- **Startup Competition for the Year Awards**
Startups, SMEs and early growth-stage companies will get to pitch their businesses to a panel of funding organizations and strategic partners. Any startup, SME and early growth-stage company that has just brought or is about to bring a product or solution in the field of FPE to market will be applied and considered. The most successful pitches will be awarded by the Business Committee.
- **Poster Session and Awards**
R&D organizations, research institutes and academic laboratories are welcome to submit a poster of their research and innovation activities and/or funded research projects in the field of FPE. Each poster will be provided with presentation space within the International Conference & Exhibition's room at a maximum size of A0. The Posters with the most promising achievements will be awarded by the organizing committee.

Virtual Participation

Find information about your Virtual participation using the alfaview video-conference system [here](#).