

AGRIVOLTAICS 2022 AGENDA

Wednesday 12 October 2022

08:00-19:00	Registration, Posters, Exhibitors
Session 1	Agrivoltaics Innovations Funding and Business (Chair: A. Laskarakis, N. Katsoulas)
10:00-10:20	Welcome by the Chairman, Prof. S. Logothetidis, HOPE-A & Nanotechnology Lab LTFN Official Salutation by Mr. Sokratis Famellos, Head of Energy and Environmental Policies of SYRIZA Official Opening by Ms. Christiana Kalogirou, General Secretariat of Rural Development and Food
10:20-10:50 Keynote	Agrivoltaics: A Revolution in the Triple Land Use - Optimizing Cultivation & Energy Production and Reducing Water Consumption S. Logothetidis, HOPE-A, and Nanotechnology Lab LTFN, AUTH, Greece
10:50-11:10 Invited	Financial tools promoting innovation and new technologies in the agrifood sector N. Manetas, Managing Authority of Strategic Mad Cap, Ministry of Rural Development and Food, Greece
11:10-11:30 Invited	Greenhouses in Greece Education and Training P. Chatzinikolaou, Hellenic Agricultural Organization-Dimitra, Greece
11:30-12:00	Coffee, Networking Break, Posters, Exhibitors
Session 2	Flexible and Transparent Organic PVs for Agrivoltaics (Chair: C. Varlamis, M. Teitel)
12:00-12:20 Invited	Organic Photovoltaic Application in Greenhouses-Six years of experience M. Teitel, Institute of Agricultural Engineering, A.R.O, Volcani Center, Israel
12:20-12:40 Invited	OPV in Agrivoltaics: Synergistic use of land for renewable energy and crop harvesting C. Varlamis, Organic Electronic Technologies P.C., Greece
12:40-13:00 Invited	Agrivoltaics a State of the Art boost in Greenhouse Crop Yield and Germination AGRORES and OpenEnergy E. Athanasiadou, Organic Electronic Technologies P.C. Greece
13:00-13:20 Invited	Best Practices on Energy and Production in Agriculture: The Photokipia Project C. Gravalidis, LTFN/COPE-H, Department of Physics, Aristotle University of Thessaloniki, Greece
13:20-13:40 Invited	Photostability of polymer solar cells based on NFA materials: influence of light source and chemical structure of NFAs J. Ackermann, Aix-Marseille Univ., CNRS, France
13:40-15:10	Lunch, Networking, Posters, Exhibitors
Session 3	Si based PVs for Agrivoltaics (Chair: C. Gravalidis, S. Shin)
15:10-15:30 Invited	Design and Implementation of a PV Greenhouse O. E. Oezdemir, Fraunhofer ISE, Germany
15:30-15:50 Invited	Design of Agrivoltaic system based on concentrator photovoltaic with spectral splitting S. Shin, Dept. of ICT, Myongji University, South Korea.
15:50-16:05	Deep convolutional neural network framework for automated inspections and predictive maintenance of PV plants using thermal UAV images G. Terzoglou, Centre for Research and Technology Hellas, Information Technologies Institute
Session 4	LED and OLED Lighting for Artificial Photosynthesis (Chair: V. Kyriazopoulos, C. Gravalidis)
16:05-16:25 Invited	LED and OLED Lighting to promote crop yield in next generation Greenhouses A. Laskarakis, Nanotechnology Lab LTFN, Aristotle University of Thessaloniki, Greece
16:25-16:45 Invited	Artificial lighting in Agriculture: The advantages of LED lighting application in Greenhouses S. Tsiolakis, Techlumens SA, Greece
16:45-17:30	Coffee, Networking Break, Posters, Exhibitors
Session 5	Bridging R&I with Business in Agrivoltaics (Chair: A. Laskarakis, C. Gravalidis)
17:30-17:50 Invited	Sustainable agricultural production in greenhouses by RES strategies to achieve a neutral product carbon footprint G. Ntinias, Hellenic Agricultural Organization-Dimitra, Greece
17:50-18:20 Keynote	Design of a hybrid power generation system for optimal energy production in greenhouses N. Katsoulas, University of Thessaly, Greece
18:20 - 18:40 Invited	The Greek Research & Innovation Policies for the Agrivoltaics during the current (2014 – 2020) and the next Programming Period (2021 – 2027). A. Chatziparadeisis, Hellenic Organic & Printed Electronics Association (HOPE-A), Greece
18:40-19:00	Closing Remarks and Discussion
19:00	End of Day 3

Organized by



Gold Sponsor



Silver Sponsor



Bronze Sponsors



Under the Auspices



Supported by

