POSTERS

P1	**High Definition Printing of Electronic Materials using Electrophotographic Printing Technology** **C. Y. Ngu**, K. Kozuki, R. Hanazaki, H. Oshida, S. B. Lee, and M. Sakai Department of Electrical and Electronic Engineering, Chiba University, Japan
P2	**Exploring Various Plastic Combinations and Assessing Quality of Lightweight PV Modules** **A. Baležentis[1,2]**, J. Ulbikas[1,2], P. Dubravskij[1], E. Fatarait̆e-Urbonienė[2,3], J. Donėlienė,[2], M. Rudzikas,[2] [1]JSC Modern E-Technologies, Lithuania [2]Applied Research Institute for Prospective Technologies, Lithuania [3] Kaunas University of Technology, K. Donelaičio str. 73, LT-44249 Kaunas, Lithuania
P3	**Exploring the influence of photoactive layer morphology on photoactivation and performance of slot-die coated Organic Photovoltaics** **V. Heben[1]**, C. Kapnopoulos[1], A. Zachariadis[1], D. Tselekidou[1], E. Mekeridis[2], A. Laskarakis[1], S. Logothetidis[1,2] [1]Nanotechnology Lab LTFN,Department of Physics, Aristotle University of Thessaloniki, Greece [2]Organic Electronic Technologies (OET), 20th KM Thessaloniki - Tagarades, 57001 Thermi, Greece
P4	**Exploring the Influence of Chlorine Incorporation on the Structure and Stability of $MAPbI_3$ - Based Flexible Printed Perovskite Solar Cells** **C. Stavraki [1]**, C. Kapnopoulos[1], A. Zachariadis[1], A. Paliagkas[1], S. Kassavetis[1], C. Gravalidis[1], E. Mekeridis[2], S. Logothetidis[1,2], A. Laskarakis[1] *[1]Nanotechnology Lab Ltfn, Department Of Physics, Aristotle University Of Thessaloniki, Greece* *[2]Organic Electronic Technologies P.C. (OET), 20th KM Thessaloniki - Tagarades, 57001 Thermi, Greece*
P5	**Improving the Electrical Efficiency of Fully Printed Flexible Organic Solar Cells through Molecular Doping** **A. Paliagkas[1]**, C. Stavraki[1], C. Kapnopoulos[1], A. Zachariadis[1], V. Heben[1], E. Rabota[1], S. Logothetidis[1,2], A. Laskarakis[1] *[1]Nanotechnology Lab LTFN, University of Thessaloniki, Greece* *[2] Organic Electronic Technologies P.C. (OET) 20th KM Thessaloniki - Tagarades, 57001 Thermi Greece - Thessaloniki*
P6	**Optimizing Electron Transport Layer in printed Organic Solar Cells for enhanced UV-stability and electrical performance** **E. Doudis[1]**, A.Zachariadis[1], C. Kapnopoulos[1], E. Mekeridis[2], D.Tselekidou[1], A. Laskarakis[1], S. Logothetidis[1,2] *[1]Nanotechnology Lab LTFN,Department of Physics, Aristotle University of Thessaloniki, Greece* *[2]Organic Electronic Technologies (OET), 20th KM Thessaloniki - Tagarades, 57001 Thermi, Greece*
P7	**Printable green light emitting polymers for PLED based optical sensing** **K. Papadopoulos[1]**, D. Tselekidou[1], A. Zachariadis[1], V. Kyriazopoulos[2], S. Kassavetis[1], A. Laskarakis[1], S. Logothetidis[1], M. Gioti[1] *[1]Nanotechnology Lab LTFN Aristotle University of Thessaloniki, Greece* ***[2] Organic Electronic Technologies P.C. (OET),Thermi, Greece***
P8	**Synthesis, characterization and preclinical testing of Curcumin-PLGA nanoparticles for targeted drug delivery** **M. Kioutsouki[1]**, K. Meliopoulou[1], M. Pitou[1], S. Ploumistou[1], I. Chatziioannou[1], E. Rabota[1], K. A. Orfanos[2], M. Gioti[1], A. Laskarakis[1], C. Gravalidis[1], V. Karagkiozaki[2], S. Logothetidis[1,2] *1* *Nanotechnology Lab LTFN, Aristotle University of Thessaloniki, Greece* *[2] BL Nanobiomed P.C., 20th km Thessaloniki – Tagarades Road, Thessaloniki, Greece*
P9	**EKOBUILT Organic Photovoltaic Systems Embedded in Building Facilities** (NSRF 2014-2020 project)
P10	**Transparent OPVs in urban environment** (NSRF 2021-2027-Regional Program for Central Macedonia)
P11	**WINENERGY "Free electricity from any surface"** (Greece 2.0 – National Recovery and Resilience Fund)
P12	**RealNano - In-line and Real-time Nano-characterization technologies for the high yield manufacturing of Flexible Organic Electronics** (H2020 -DT - NMBP -08 - 2019)
P13	**3GPV-4INDUSTRY Development of efficient third generation PV materials and devices to enhance the competitiveness of enterprises to the green energy production** (Greece 2.0 – National Recovery and Resilience Fund)

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P14	**Energetic and agronomic evaluation of a mobile photovoltaic shading mesh in a tomato crop** **R. Abadía[1]**, J. Muñoz-Acero[1], S. Pardo[1], H. Puerto[1], C. Rocamora[1], S. García-Martínez[1], F.J. Ferrández-Pastor[2], J.M. Cámara-Zapata[1] [1]Instituto de Investigación e Innovación Agroalimentaria y Agroambiental. Universidad Miguel Hernández, Spain [2]Instituto Universitario de Investigación Informática. University of Alicante, IUII-UA, Spain
P15	**Enhancing Precision Agriculture with a Multimodal Sensing System using the ANTONIO's Data Platform** **M.Karagiovanidis[1]**, S.Rilling[2], X.A.Pantazi[1], V.Fragos[1], P.Karnoutsos[1], N.Koukovinos[1], C.Paraskevas[1] [1]Aristotle University of Thessaloniki, University Campus, Thessaloniki, 54124, Greece [2]Fraunhofer Institute for Intelligent Analysis and Information Systems IAIS, Germany
P16	**AgroSYS - An Autonomous Collaborative Robotic System of Precision Viticulture Integrating Electric UAVs and UGVs and Autonomous PV Charging Stations** A. Balafoutis[1], G. Banias[1], D. Kateris[1], D. Bochtis[1], M. Moraitis[1,2], **G. Papadakis[2]**, C.-S. Karavas[2], V. Arapostathis[2], K. Biniari[2], M. Stavrakaki[2], D. Paliokostas[2],P. Lagios[3], E. Lolos[3], K. Tsiatsou[4], G. Stasimiotis[4], P. Langouranis[4], P. Zervas[4] *[1]Institute of Bio-economy & Agro-technology, Dimarchou Georgiadou 118, 38333, Volos.* *[2]Agricultural University of Athens, Iera Odos 75, 11855, Athens.* *[3]GIZELIS ROBOTICS A.B.E.E, Kormatzini, 32009, Schimatari.* *[4]ENERGY TRADING A.E., Aiolou 67, 10559, Athens*
P17	**A Greek-Turkish collaborative project aiming to enhance solar energy innovation ecosystems, including the predesign of agri-PV systems adapted to the local conditions** **J. Nikoletatos[1]**, D. Kuzkaya[2], R. Turan[2] [1]Centre for Renewable Energy Sources and Savings CRES, Greece [2]Centre for Solar Energy Research and Applications ODTÜ-GÜNAM, Ankara, Türkiye
P18	**GLASS: a research project on Agri-photovoltaic Greenhouse Systems in Spain** V. Hernández Pérez[1], **F. Contreras López[1]**, P. Hellín García[1], E. Fernán-dez[2], F. Almonacid Cruz[2], J. Gabriel Bessa[2], Á. Fernández Solas[2], A. Cruz Escabias[2], M. Giménez[3], P. Flores Fernández-Villamil[1] [1] Instituto Murciano de Investigación y Desarrollo Agrario y Medioambiental (IMIDA), Spain [2] Advances in Photovoltaic Technology (AdPVTech), CEACTEMA, University of Jaén, Spain [3] J. Huete International, 30820 Alcantarilla (Murcia), Spain
P19	**Approaches for the Development of Sustainable Agrivoltaic Systems in Southern Spain** **V. Hernández**, P. Hellín, F. Contreras López, J. Fenoll, I. Garrido, P. Flores Instituto Murciano de Investigación y Desarrollo Agrario y Medioambiental (IMIDA), Spain
P20	**PHOTOKIPIA Semitransparent Organic and Printed Photovoltaics for Energy Efficient Mediterranean Greenhouses** (NSRF 2014-2020 project)
P21	**AGRORES Energy Autonomous Greenhouse Exploiting Renewable Energy Sources** (NSRF 2014-2020 project)
P22	**OPENENERGY Roof Integrated Conformable OPV Products for Energy Generation** (NSRF 2014-2020 project)