

Press Release



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ETEK Engineering Award 2020 was granted by the Technical Chamber of Cyprus to the Electrical Engineer and Researcher of FOSS Research Centre for Sustainable Energy of the University of Cyprus, Mr Andreas Livera.

The winner developed the novel and automated tool for forecasting the photovoltaic power production «Suncaster», under the guidance of Dr Giorgos Makrides.



The ETEK Engineering Award 2020 and the prize of €10.000 was granted to Mr Andreas Livera, Electrical Engineer – Researcher at FOSS Research Centre for Sustainable Energy of the University of Cyprus, for the development of the photovoltaic (PV) energy yield forecasting tool «Suncaster». Mr Livera cooperated with researchers from “FOSS” in order to develop a novel and a cost-effective tool that can precisely forecast the PV generated energy, under the guidance of Dr Giorgos Makrides. The «Suncaster» team comprises of Mr Spyros Theocharides, Mr Marios Kynigos and Prof. George E. Georghiou. The ceremony will take place on Wednesday, 30 September 2020, at 19:00.

“Suncaster” tool contributes towards the further penetration of the PV technology in the Cypriot energy market. The tool is used to precisely forecast the PV generated energy in order to effectively address problems that arise at high renewable shares on the electricity network (reliability and stability of the grid). The artificial intelligent (AI) powered PV energy yield forecasting system is currently being utilized by the Transmission System Operator (TSO) of Cyprus and the Electricity Authority of Cyprus (EAC).

Mr Andreas Livera earned his BSc in Electrical Engineering from the University of Cyprus in 2015 and his MSc in Sustainable Energy Futures from Imperial College London in 2016. Afterwards, he joined FOSS Research Centre for Sustainable Energy of the University of Cyprus, where he is also undertaking his PhD. His research interests lie in studying and improving PV system’s performance and reliability.

End of Announcement