

The 114th GREEN Seminar



Intelligent, efficient, and
sustainable energy solutions
for the Green Transition

Chair: Dr. Ken Sakaushi (GREEN)

Prof. George E. Georghiou

(PHAETHON Centre of Excellence, University of Cyprus, CY)

The PHAETHON Centre of Excellence in Intelligent, Efficient and Sustainable Energy Solutions (<https://www.phaethon-coe.eu/>) is a 50MEuro initiative funded by the European Commission, the Cyprus Government and the Private Sector that aims to bring together four strategic partners, namely the University of Cyprus, the Technical University of Denmark (DTU), the University of Groningen and the Cyprus Seeds in an attempt to address significant challenges associated with the Green Transition. The Centre aims to address technology challenges ranging from the characterisation of conventional and novel photovoltaic technologies to grid integration, battery storage and e-mobility, as well as hydrogen integration and social, environmental, geopolitical and environmental aspects. In this presentation, particular emphasis is placed on the work undertaken within the centre on the characterisation of novel PV technologies such as perovskites, failure assessment, energy storage, batteries as well as grid integration issues.

Venue: Auditorium, 1F, NanoGREEN/WPI-MANA Bldg.,
Namiki-site

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