

KIOS Distinguished Lecture in Memory of Prof. Elias Kyriakides



Dr. Andreas Poulikkas, MPhil, PhD, DTech, FIET
ex Chairman, Cyprus Energy Regulatory Authority

Tuesday, **12 November 2024**, at **12:00** | Amphitheatre **LRC012**

The future electricity systems towards climate neutrality

LECTURE ABSTRACT

The EU's long-term energy strategy, scenarios for the transition from a carbon to a hydrogen economy and the Cypriot energy sector will be presented. A comprehensive overview of the EU's energy strategy, the future electricity systems in the energy transition, the need for introducing energy storage systems in electricity systems and increasing electricity interconnections for further penetration of renewables, the complexity of the electricity markets and the need to redesign electricity systems to achieve climate neutrality will be discussed.

BRIEF BIO

Dr. Andreas Poulikkas holds a Bachelor of Engineering (B.Eng.) degree in mechanical engineering, a Master of Philosophy (M.Phil.) degree in nuclear safety and turbomachinery, a Doctor of Philosophy (Ph.D.) degree in numerical analysis and a Doctor of Technology (D.Tech.) higher doctorate degree in energy policy and energy systems optimization from Loughborough University, U.K. He is a Fellow of the Institution of Engineering and Technology (FIET). Dr. Andreas Poulikkas is the ex-Chairman of the Cyprus Energy Regulatory Authority (CERA) and he was for several years the Chairman of the Cyprus Energy Strategy Council. In his professional career he has worked for academic institutions and for the industry. He is the Associate Editor of the journal Discover Energy (Springer Nature), member of various journals' Editorial Boards and the author of various peer-reviewed publications in scientific journals, book chapters, conference proceedings and the author of ten books.



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