



ΠΡΟΣΚΛΗΣΗ ΣΕ ΔΩΡΕΑΝ ΥΒΡΙΔΙΚΟ ΣΕΜΙΝΑΡΙΟ “ΑΠΟΘΗΚΕΥΣΗ ΕΝΕΡΓΕΙΑΣ ΚΑΙ ΡΟΛΟΣ ΤΟΥ ΥΔΡΟΓΟΝΟΥ”

Τρίτη, 12 Νοεμβρίου 2024 | Ώρα: 18:00 – 20:30 |
Αμφιθέατρο LRC 014, Βιβλιοθήκη Πανεπιστημίου Κύπρου

[Κάντε κλικ εδώ για οδηγίες προς τη Βιβλιοθήκη](#)

Ο Σύνδεσμος Ηλεκτρολόγων Μηχ. & Ηλεκτρονικών Μηχ. CYBSE και το IET Cyprus Local Network σας προσκαλούν σε **δωρεάν** Υβριδικό Σεμινάριο με θέμα «Αποθήκευση Ενέργειας και ρόλος του Υδρογόνου». Κατά την διάρκεια του σεμιναρίου θα γίνει παρουσίαση των βασικών τεχνολογιών αποθήκευσης ηλεκτρικής ενέργειας, θα επεξηγηθούν τα οφέλη και ο ρόλος των συστημάτων αυτών στο σύγχρονο ηλεκτρικό δίκτυο.

ΟΦΕΛΗ ΠΑΡΑΚΟΛΟΥΘΗΣΗΣ

- Ενημέρωση για τις βασικές τεχνολογίες αποθήκευσης ενέργειας.
- Ενημέρωση για τα οφέλη από την χρήση του υδρογόνου.
- Ανάλυση για την σημασία του υδρογόνου στην αποθήκευση ενέργειας.
- Ανάλυση για τον ρόλο της αποθήκευσης ενέργειας για την ευστάθεια του Δικτύου Ηλεκτρισμού.

ΠΡΟΓΡΑΜΜΑ

18:00 – 18:05 – Χαιρετισμός από Σύνδεσμο Ηλεκτρολόγων Μηχ. & Ηλεκτρονικών Μηχ. CYBSE

18:05 – 18:10 - Χαιρετισμός από IET Cyprus Local Network

18:10 – 18:15 - Χαιρετισμός από ΕΤΕΚ

18:15 – 18:55 – Η τεχνολογία του Υδρογόνου, τα οφέλη και ο ρόλος του στην αποθήκευση ενέργειας
(Δρ. Ανδρέας Πουλλικάς, Πρόεδρος ΠΑΕΚ)

18:55 – 19:30 – Κεντρικά συστήματα αποθήκευσης ηλεκτρικής ενέργειας
(Δρ. Βενιζέλος Ευθυμίου, Ερευνητής FOSS)

19:30 – 20:00 – Ο ρόλος των Φ/β συστημάτων στην αποθήκευση πράσινης ενέργειας
(Δρ. Αντρέας Λιβέρας, Ερευνητής FOSS)

20:00 – 20:30 - Ερωτήσεις & Συζήτηση

20:30 - Ελαφρύ γεύμα

Η συμμετοχή είναι δωρεάν. Απαιτείται εγγραφή στο πιο κάτω link:

<https://forms.gle/6PqrV9BEwVYvoewz6>

ΒΙΟΓΡΑΦΙΚΑ ΕΚΠΑΙΔΕΥΤΩΝ

Δρ. Ανδρέας Πουλλικκός, Πρόεδρος ΡΑΕΚ

Dr Andreas Poullikkas 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 Poullikkas is currently the 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.

Δρ. Βενιζέλος Ευθυμίου, Ηλεκτρολόγος Μηχανικός

Dr Venizelos Efthymiou worked for the Electricity Authority of Cyprus from March 1979 up to November 2013 and he left the Company from the post of Executive Manager Networks / Distribution System Operator of Cyprus.

He is a member of the Steering Committee of the ETIP SNET, of ETIP PV, of the DSO committee of EURELECTRIC, of the Steering Committee of the SET Plan and of the Horizon Europe Programme Committee. He is the chairman of the Research Centre FOSS of the University of Cyprus and director of EPL Technology Frontiers Ltd and ECOGATE Ltd. As representative of FOSS in the associations DERlab, EUREC, EERA AISBL and EERA JP4SG he is currently a member of the Executive Committee of EERA AISBL, the Management Board of EERA JP4SG and the Board of Directors of EUREC.

Through his extensive experience in EAC, the close and continuous cooperation with the University of Cyprus but also through the active participation in the work of EURELECTRIC and the European Technology and Innovation Platforms of SNET and PV, he is the writer of many reports and papers of technical content in relevant scientific journals and conferences.

Δρ. Αντρέας Λιβέρα, Ηλεκτρολόγος Μηχανικός

Dr Andreas Livera received his BSc and PhD in Electrical Engineering from the University of Cyprus (UCY) in 2015 and 2022, respectively. Andreas was also awarded a scholarship from Cyprus State Scholarships Foundation for master's studies in Sustainable Energy Futures at Imperial College London (UK) in 2016. During his studies, he was awarded several prestigious awards (Technical Chamber of Cyprus Engineering Award 2020 - given to one engineer in Cyprus every three years) and grants (2022 PRE-SEED by Research and Innovation Foundation of Cyprus and ITC conference grant by the COST Action 2019).

He has been working as a researcher at the UCY since 2017 in the field of fault diagnostics for photovoltaic (PV) systems. He has a deep knowledge of machine learning principles, and his research interests lie in studying and improving solar plus storage system's performance and reliability through the development of image processing and data-driven software algorithms.

He has authored and co-authored more than thirty-five publications in the field of PV and batteries, resulting in 1061 citations and an h-index of 17 according to Google Scholar (October 2024). He is also a member of the Technical Chamber of Cyprus and of the Electromechanical Chamber of Cyprus and a certified PV installer and designer.