


Event:
Date:
Place:

ENERGY in BUILDINGS – Epirus 2025

Saturday Mat 31, 2025

Ioannina, Epirus



#	Stelios Lampadakis											
Title:	Mechanical Engineer M.Sc.											
email:	lampadakis@finelivingproject.gr	•										
Presentation title:	Introduction to ASHRAE Standard 55											
Short CV GREEK:												
<p>Ο Στέλιος Λαμπαδάκης είναι Μηχανολόγος Μηχανικός. Έχει εργαστεί στον τομέα των κατασκευών σε διάφορους ρόλους μεταξύ των οποίων Μηχανικός Σχεδιασμού, Υπεύθυνος Έργου και Υπεύθυνος Εργοταξίου. Παράλληλα, έχει διατελέσει επιστημονικός συνεργάτης του Εθνικού Μετσόβιου Πολυτεχνείου και έχει συμμετάσχει σε διεθνή ερευνητικά προγράμματα της Ευρωπαϊκής Ένωσης. Είναι Head-Engineer στην εταιρεία Mechanical Solutions και Σύμβουλος Μηχανικός. Εξειδικεύεται σε σχεδιασμό εφαρμογών κλιματισμού με χρήση ΑΠΕ και εν γένει HVAC συστημάτων. Είναι μέλος της ASHRAE και CTTC Officer στο Hellenic Chapter για το προεδρικό έτος 2024 - '25</p>												
CV:												
<p>Born in Nicosia Cyprus in 1976 Graduated from National Technological Institute of Crete in 2000, BA degree ME, MSc Hellenic Open University Ever since :</p> <table><tr><td>2002 – 2007</td><td>Various Positions in commercial and design applications (company name: KOLOMVAKIS S.A. , Master dealer of Carrier UTC)</td></tr><tr><td>2007 - today</td><td>HVAC Mechanical Engineer - Consultant</td></tr><tr><td>2007-2009</td><td>Project application engineer in commercial and design applications (company name: MECHANICAL SOLUTIONS)</td></tr><tr><td>2009 - 2014</td><td>Various Positions in commercial and design applications (company name: KOKOTAS Ltd. Master dealer of Mitsubishi Electric)</td></tr><tr><td>2014 - 2015</td><td>Consultant Scientific Partner in numerous researches for National Technical University of Athens (NTUA), School of Mining & Metallurgical Engineering</td></tr></table>			2002 – 2007	Various Positions in commercial and design applications (company name: KOLOMVAKIS S.A. , Master dealer of Carrier UTC)	2007 - today	HVAC Mechanical Engineer - Consultant	2007-2009	Project application engineer in commercial and design applications (company name: MECHANICAL SOLUTIONS)	2009 - 2014	Various Positions in commercial and design applications (company name: KOKOTAS Ltd. Master dealer of Mitsubishi Electric)	2014 - 2015	Consultant Scientific Partner in numerous researches for National Technical University of Athens (NTUA), School of Mining & Metallurgical Engineering
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2015 - today Department Head in commercial and design applications
(company name: MECHANICAL SOLUTIONS)

Area of expertise :

- Indoor Environmental Quality (IEQ)
- HVAC Design
- Energy Saving
- Geothermal Energy

Reference Projects:

2002 – 2003 2nd Engineer, design, piping & hydraulic calculations in HVAC project. One of the first geothermal projects in Greece with the usage of sea water of that scale (550 kW)

2003 - 2004 2nd Engineer, design, piping & hydraulic calculations duct design, heating-cooling load calculations. In the year of completion, it was the largest geothermal project with usage of sea water (1,2 MW) in any HVAC project in Greece.

2006 1st Engineer, In the year of completion, it was the largest geothermal project with usage of sea water (130 kW) exclusively for HACCP needs.

2007 1st Engineer, Challenging project of daily production of 30.000lt of hot water with usage of solar thermal panels approximately 600 sq.m in an extended area.

2010 - 2011 Design Engineer of HVAC systems. Landmark project of the NTUA.

2012 – 2014 Senior Engineer Project Consultant, EU - FP7 RETROKIT EU - FP7 RETROKIT, Systemic Approach for retrofitting existing buildings, including envelope upgrading, high performance lighting systems, energy-efficient HVAC systems and renewable energy generation systems.

2017 - 2018 1st Engineer, In a Landmark Stadium of Greece design of heated swimming pool and sports area in an extremely limited space. Temperature and humidity control, heat recovery and innovative swimming pool heating led to outstanding energy performance.