

March 28, 2026

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| 8:00 | 9:00 | Registration Welcome Coffee ASHRAE Hellenic Chapter Sponsors Expo | |
| 9:00 | 9:30 | Open Ceremony - Welcome Presentations | |
| <p>Marios Tsakiris, Vice President ASHRAE Hellenic chapter, Event Chair Ilias Pertzindis, President, Technical Chamber of Greece, Section of Central Macedonia Vasileios Argyropoulos, President Association of Mechanical and Electrical Engineers of Northern Greece Drew Turner, President ASHRAE Nordic chapter Prof. Bratislav Blagojevic, Vice President of KGH, Faculty of Mechanical Engineering University of Niš Chrysostomos Bouras, President ASHRAE Hellenic chapter</p> | | | |
| 9:30 | 11:00 | Grace C Session 1.1 - Case studies in sustainability and the built environment 1 | |
| <p><i>Operational and Embodied Carbon in Modern Building Design</i> Maria Malisianou Civil and Mechanical Engineer Msc, LEED AP, WELL AP, Edge Expert, Sustainability and Quality Coordinator at ELEMKA</p> | | | |
| <p><i>Energy-Driven Design in Practice: Form Follows Sustainability</i> Margarita Kyanidou Architect Engineer DUTH, MSc TUDelft, Founder of ONUS Architecture Studio</p> | | | |
| <p><i>LEED v5 Fundamentals</i> Danai Frantzi Gounari Sustainability Lead LAMDA Development S.A.</p> | | | |
| <p><i>SNF University Pediatric Hospital of Thessaloniki – MEP & Sustainability</i> Sylvia Tsitziloni Mechanical Engineer, Hill International, Deputy Project Director – SNF Global Health Initiative</p> | | | |
| 11:00 | 11:30 | COFFEE BREAK ASHRAE Hellenic Chapter Sponsors Expo | |
| 11:30 | 13:30 | Grace C Session 2.1 - Case studies in sustainability and the built environment 2 | Grace A Session 2.2 - Academic Research 1 |
| <p><i>Water supply in times of climate change: Perspectives and challenges</i> Agis Papadopoulos Professor at School of Mechanical Engineering, Aristotle University of Thessaloniki Chairman of the Board EYATH SA, Thessaloniki</p> | | <p><i>Sustainable Next-Generation propane Heat Pumps for Energy-Efficient Residential Heating and Cooling</i> Michail Gr. Vrachopoulos Emeritus Professor, National and Kapodistrian University of Athens, Dr. Mechanical Engineer</p> | |
| <p><i>Expanding efficiency to meet Net-Zero targets</i> Theodoros Theodosiou Civil Engineer, Professor, Laboratory of Buildings Construction & Buildings Physics at Aristotle University of Thessaloniki</p> | | <p><i>Sustainable solutions towards fulfillment of EPBD goals and resilient cities</i> Tamara Bajc Associate professor, University of Belgrade Faculty of Mechanical Engineering, PhD Mech. Eng</p> | |
| <p><i>Project HUB 26 - Panel Discussion</i> Kostas Chondrodimos Senior Project Director at DIMAND Real Estate Development S.A</p> <p>Kostas Simos Senior Mechanical Engineer, Senior M.E.P. Project Manager at DIMAND Real Estate Development S.A.</p> <p>Evangelia Gklezakou Senior Sustainability Manager at DIMAND Real Estate Development S.A., LEED AP BD+C / WELL AP/ Certified ESG Practitioner</p> | | <p><i>Historic buildings refurbishment and energy upgrade. The case of Agios Ioannis complex in Kavala</i> Theodora Kampouri MSc Architect, Aristotle University of Thessaloniki</p> <p><i>The role of Social Acceptance in Heating and Cooling Systems: An LCSA perspective</i> Theodora Mavridou Architectural Engineer, PhD, MA, Meng, PGCert, Senior Lecturer University of Portsmouth</p> <p><i>Using Low-Cost IEQ Sensors to Improve HVAC Efficiency and Reduce Operational Carbon</i> Nikos Nanos Senior Lecturer, School of Civil Engineering and Surveying, Faculty of Technology, University of Portsmouth</p> <p><i>Energy-Efficient Design and Building Envelope</i> Anastasia Porlda & Sofia Ioannidou Undergraduate Architecture Student at Aristotle University of Thessaloniki</p> | |
| 13:30 | 14:30 | LUNCH BREAK ASHRAE Hellenic Chapter Sponsors Expo | |

| 14:30 | 16:30 | Grace C Session 3.1 - Energy in Industry | Grace A Session 3.2 - Academic Research 2 |
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| | | <i>Integrated energy systems for Minimization of Operating Costs and Decarbonization</i> Drew Turner Director, Decarbonization Solution at DANFOSS, BSIE, CEM, MBA | <i>A Different Algorithm for Growth</i> Phyllis Gavriilidou Educator, Podcaster, Author, Founder of Growth Academy |
| | | <i>Interoperability between Civil and Military Sectors on Crisis Management</i> Georgios N. Bamplenis Marine Engineer Msc , MA, Vice Admiral(ret) Honorary Commander HNLS | <i>Net4CleanAir: A COST Action for Indoor Air Cleaning Technologies</i> George Panaras Mechanical Engineer, MSc, PhD, Associate Professor, School of Mechanical Engineering, Aristotle University of Thessaloniki |
| | | <i>Technology of air handling units in production buildings</i> Gerasimos Reppas Mechanical Engineer Msc, Accounting and Finance Economist, Senior Technical Manager at WOLF GmbH | <i>Exploring the Role of Lighting (Natural & Artificial) in Sustainable Building Certifications</i> Christina Skandali Dipl. Architect Engineer, MSc Light & Lighting, PhDc, Adjunct Professor, Hellenic Open University, School of Applied Arts and Sustainable Design |
| | | <i>ATW Heat Pump Indoor installation</i> Haris Markoglou Senior Mechanical Engineer in R&D department of MIDEA EUROPE, MSc, MBA | <i>Sustainable Reuse and Recycling Strategies for Construction Materials</i> Vogiatzaki Irene Graduate of the Department of Architecture, Aristotle University of Thessaloniki |
| | | <i>New F-Gas regulation for refrigerants and the importance of R290</i> Alkis Triantafyllopoulos Mechanical Engineer, Head of Engineering at Menerga Hellas, ASHRAE HVAC Trainer, ASHRAE DL (Distinguished Lecturer) | <i>The impact of smart lighting systems on residential sustainability and evaluation through the Smart Readiness Indicator</i> Theodora Fassa Architect, MSc, Project Manager, OPSIS, Thessaloniki |
| | | <i>Tackling the Latent Load: Dehumidification Strategies</i> Nikolas Nikolopoulos Mechanical Engineer, Managing Partner at CENTRALIFE | <i>Design of nature-inspired facades for daylit office interiors: Integrating biophilic patterns to enhance aesthetics and visual comfort</i> Vasiliki Molasi Architect (Dipl. Eng.), Technical University of Crete, Postgraduate student, School of Applied Arts, Hellenic Open University |
| | | | <i>Sustainability lessons from the past: The case of Vlasti</i> Angeliki Tsigarida Law/senior in School of Architecture at Aristotle University of Thessaloniki |
| POSTER SESSION - Foyer | | | |
| | | Michail Gr. Vrachopoulos <i>Sustainable Next-Generation propane Heat Pumps for Energy-Efficient Residential Heating and Cooling</i> | Theodora Mavridou <i>The Role of Social Acceptability in Sustainable Energy System Design: An LCSA Perspective</i> |
| | | Nikos Nanos <i>Using Low-Cost IEQ Sensors to Improve HVAC Efficiency and Reduce Operational Carbon</i> | Theodora Fassa <i>The impact of smart lighting systems on residential sustainability and evaluation through the Smart Readiness Indicator</i> |
| | | Anastasia Porlida & Sofia Ioannidou <i>Energy-Efficient Design and Building Envelope</i> | Nikolaos Kalampalikis <i>Parametric Evaluation of Energy Performance in Earth-Sheltered Housing Using a Simulation Tool: A Case Study in Kavala, Greece</i> |
| | | Angeliki Tsigarida <i>Sustainability lessons from the past: The case of Vlasti</i> | Vasiliki Molasi <i>Design of nature-inspired facades for daylit office interiors: Integrating biophilic patterns to enhance aesthetics and visual comfort</i> |
| | | Fotiadou Asteria <i>Dynamic Energy Simulation and Assessment of Retrofit Strategies for an Existing School Building</i> | Dimopoulou Aikaterini <i>The Impact of Sustainable Construction and Decoration Materials on Contemporary Interior Architecture. Consumer Trends and Selection Criteria</i> |
| | | Christodoulou Nella <i>Techno-Economic Comparison of Conventional and Heat Pump Systems for Building Heating and Cooling Using Monthly Loads</i> | Toumanidis Nikolaos <i>Reducing the energy footprint of school buildings using the Internet of Things</i> |
| | | Trihou Katerina <i>Soundscapes and Early Development: A Mixed-Method Framework for Investigating Young Children's Acoustic Experience in Educational Environments</i> | Aikaterini Softsi <i>Natural and Artificial Lighting in Human-Centric Office Building Design</i> |
| | | Oikonomou P. Apostolos <i>The impact of building envelope energy retrofit interventions on the hygrothermal performance of buildings</i> | Terzoglou Kyriakos <i>Evaluation of Residential Energy Retrofitting within the Framework of Subsidized Support Schemes in Greece</i> |
| | | Koliouisi Sofia <i>Investigation of the effect of thermal insulation level on the energy</i> | Aikaterini Georgoudi <i>Energy efficiency of intelligent glazing. Case study: Detached house in Greece</i> |
| 16:30 | 17:00 | CONFERENCE CONCLUSIONS - CLOSING | |