

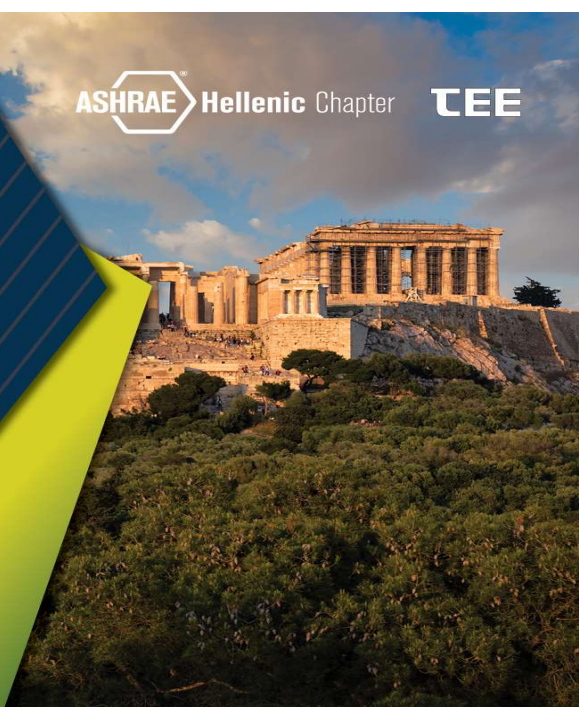
ENERGY IN BUILDINGS ATHENS 2023

11 NOVEMBER 2023

09:00-18:00

@GRAND HYATT

ASHRAE Hellenic Chapter TEE



9:00	9:30	Registration & Welcome	
9:30	10:00	Plenary - Open Ceremony - Welcome Presentations	
		Katia BOUGATSOU, Sheila HAYTER, Nikoletta DEVELEKOU, Chrysostomos BOURAS, Alkis TRIANTAFYLLOPOULOS,	President ASHRAE Hellenic Chapter Presidential Member ASHRAE Global Membership Promotion Chair ASHRAE Hellenic Chapter Student Activities Chair ASHRAE Hellenic Chapter ASHRAE Society Global Trainer
10:00	11:30	Kariatis Ball Room Hall A Ground Floor Session 1.1 - Indoor Environmental Quality	
10:00	10:22	A Smart Solution for Managing Indoor Environmental Quality Performance Prof. Aleksandar Andjelkovic Associate Professor, Director of Energy Innovation Center, Head of Thermal Engineering Chair and Laboratory, Faculty of Technical Sciences, University of Novi Sad, Serbia	
10:22	10:45	Achieving Human Thermal Comfort in Buildings through Architectural Passive Design Prof. Doaa M. El-Sherif Director of the Urban Training and Studies Institute (UTI)	
10:45	11:07	Bio trickling Filter: An environmentally sustainable solution Dr.Eftaxias Alexandros Co-founder act4energy P.C. spin-off company of Democritus University of Thrace	
11:07	11:30	Indoor Air Quality the Phenomenon of Sick Building Syndrome health and productivity impacts, HVAC Solutions Lampadakis Stelios Mechanical Engineer – HVAC Consultant	
11:30	12:00	COFFEE BREAK	TECHNICAL TOUR in Grand Hyatt HOTEL Central Cooling / HVAC Plants

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12:00		13:30		<u>Kariatis Ball Room Hall A</u> <u>Ground Floor</u> <u>Session 2.1 - Decarbonization</u>	<u>Kariatis Ball Room Hall B</u> <u>Ground Floor</u> <u>Session 2.2 - HVAC training</u>
12:00	12:18	Renewable energy systems integration in Buildings Sheila Hayter Distinguished Lecturer, Laboratory Program Manager at National Renewable Energy Laboratory			HVAC FUNDAMENTALS PART A Alkis Triantafyllopoulos ASHRAE Society Trainer & Head of Engineering at Menerga Hellas
12:18	12:36	Integrated CO2 systems (heating and Cooling) Dr. Aikaterini Kriezi Global application expert, Danfoss A/S			
12:36	12:54	HYFLEXPOWER: Demonstration project of power-to-H2-to-power advanced plant concept Nikos Skordoulas Research Associate and PhD Candidate at Laboratory of Thermal Processes, School of Mechanical Engineering, NTUA			HVAC FUNDAMENTALS PART B George Pantelidis Mechanical Engineer, NTUA, MSc, EUREM, Member ASHRAE · ASHRAE Course Instructor
12:54	13:12	Effective Decarbonization of Metro Stations and Tunnels Dr. George Leoutsakos MSc, DIC, PhD Elliniko Metro SA			
13:12	13:30	Energy Rules for Buildings in the EU and Greece: Keeping Pace with Change George Paidakakis Partner, Head of Energy at KBVL Law Firm, Deloitte Legal Network, Athens, Greece			
13:30	14:30	LUNCH BREAK			
14:30		16:00		<u>Kariatis Ball Room Hall A</u> <u>Ground Floor</u> <u>Session 3.1 - Sustainability</u>	<u>Kariatis Ball Room Hall B</u> <u>Ground Floor</u>
14:30	14:48	Introduction to Net Zero Carbon (NZC) George Papachristou Principal Sustainability Consultant at Hoare Lea, Manchester, United Kingdom			CAREER DAY – CORPORATE Presentations Explore your future at our Career Day! Engage with top industry experts, participate in resume-building sessions, and discover exciting career opportunities. Perfect for those starting out or seeking a career shift.
14:48	15:06	Sustainable Mediterranean Cities Dr. Konstantinos Balaras Mechanical Engineer, Ph.D. FASHRAE, Research Director at IERSD-NOA			
15:06	15:24	Sustainability in Pharmaceutical Industry Aristotelis Lymperopoulos DEMO Pharmaceuticals - Head of Engineering & Investment			
15:24	15:42	Applications of LEED in Projects Execution Elena Kafourou Sustainability Specialist, Ballian Techniki			
15:42	16:00	The relationship between humans and space through regulations Theofanis Bobotis Project Manager, Legal Representative of Bobotis+Bobotis Architects			
16:00	16:30	COFFEE BREAK			

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16:30	18:00	Kariatiss Ball Room Hall A Ground Floor Session 4.1 - Resilience, AI/ML, SC	Kariatiss Ball Room Hall B Ground Floor Session 4.2 - Innovative Technologies
16:30	16:48	<p>Supercharging Traditional AI Models: Combining Physics-based Neural Networks with Optimization Methods for Enhanced Building Performance Simulations</p> <p>Rania Labib</p> <p>Assistant Professor & Director at Prairie View A&M University</p>	<p>Achieving Buildings Sustainability through Effective Lighting - Best Practices</p> <p>Alexandra Papantonopoulou</p> <p>Co-Founder & Professional Lighting Applications Sales Manager at Sielight</p>
16:48	17:06	<p>Resilient officer's job profile for smart cities. The CRISIS project</p> <p>Panos Fitsilis</p> <p>Professor of Thessalia University</p>	<p>Efficient Energy Management in Variable Refrigerant Flow Systems through Artificial Intelligence</p> <p>Christos Gegas</p> <p>AS Spec In & Academy Asst. Manager LG</p>
17:06	17:24	<p>Combined seismic and energy renovation of the EU building stock</p> <p>Aggelos Protopsaltis</p> <p>Consultant in SALFO SA</p>	<p>Smart circulators: Control functions for HVAC applications</p> <p>Achilleas Patsiouras</p> <p>WILO Hellas Wilo Hellas SA Applications, Marketing & Training Engineer</p>
17:24	17:42	<p>CARBON CAPTURE AND STORAGE : AN OVERVIEW OF THE GREEK LANDSCAPE.</p> <p>Elena Xanthopoulou</p> <p>Lawyer, Lamnidis Law Firm</p>	<p>Integrated heating & cooling technology in AHUs</p> <p>Gerasimos Reppas</p> <p>Senior Technical Manager at WOLF GmbH, Thessaloniki, Greece</p>
17:42	18:00	<p>Going Digital - Modeling Infrastructure Resilience for Sustainable Urban Development</p> <p>Dru Crawley</p> <p>Bentley Fellow / Director Building Performance Research at Bentley Systems, Inc., ASHRAE Director-At-Large, President at IBPSA</p>	
18:00	19:00	ROUND TABLE – OPEN DISCUSSION	

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