

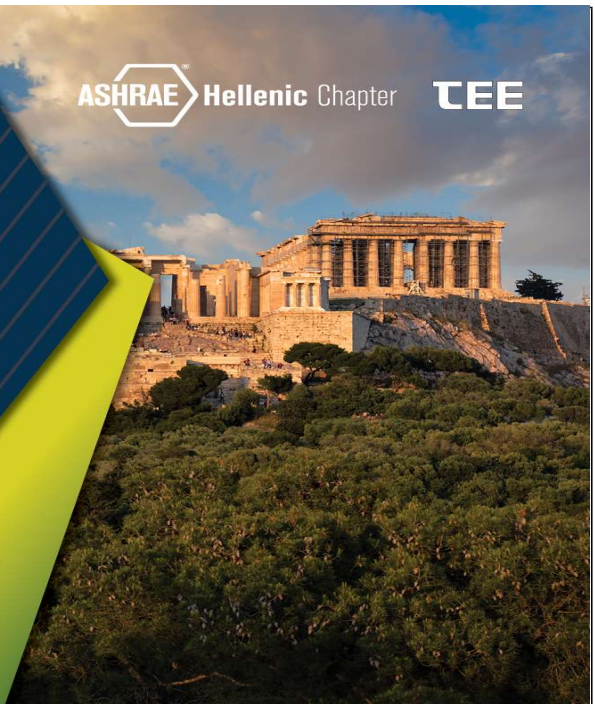
ENERGY IN BUILDINGS ATHENS 2023

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	
		<p>Katia BOUGATSOU, Sheila HAYTER, Nikoletta DEVELEKOU, Chrysostomos BOURAS, Aikis TRIANTAFYLLOPOULOS,</p>	<p>President ASHRAE Hellenic Chapter Presidential Member ASHRAE Global Membership Promotion Chair ASHRAE Hellenic Chapter Student Activities Chair ASHRAE Hellenic Chapter ASHRAE Society Global Trainer</p>
10:00	11:30	<p><u>Kariatis Ball Room Hall A</u> <u>Ground Floor</u> <u>Session 1.1 - Indoor Environmental Quality</u></p>	
10:00	10:22	<p>A Smart Solution for Managing Indoor Environmental Quality Performance</p> <p>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</p>	
10:22	10:45	<p>Achieving Human Thermal Comfort in Buildings through Architectural Passive Design</p> <p>Prof. Doaa M. El-Sherif Director of the Urban Training and Studies Institute (UTI)</p>	
10:45	11:07	<p>Bio trickling Filter: An environmentally sustainable solution</p> <p>Dr.Eftaxias Alexandros Co-founder act4energy P.C. spin-off company of Democritus University of Thrace</p>	
11:07	11:30	<p>Indoor Air Quality the Phenomenon of Sick Building Syndrome health and productivity impacts, HVAC Solutions</p> <p>Lampadakis Stelios Mechanical Engineer – HVAC Consultant</p>	
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 Skordoulis 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, ASHRAE Course Instructor, Head of Design & Projects at ZEB SA	
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 Lympieropoulos 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 Co-Founder, Legal Representative of Bobotis+Bobotis Architects, Athens, Greece			
16:00	16:30	COFFEE BREAK			

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16:30	18:00	Kariatis Ball Room Hall A Ground Floor Session 4.1 - Resilience, AI/ML, SC	Kariatis 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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