



CONFERENCE SCHEDULE

PROVISIONAL

	<p>ENDORSED BY UNDER THE AUSPICES</p> <p>HELLENIC REPUBLIC MINISTRY OF HEALTH</p>	 <p>ATHENS MEDICAL ASSOCIATION</p>	<p>HEALTH in BUILDINGS</p> <h1>HYGEIA 2026</h1> <p>where the medical & engineering professions collaborate & innovate</p>	<p>UNDER THE AUSPICES</p>  <p>GLOBAL DOCTORS' INSTITUTE ΠΑΓΚΟΣΜΙΟ ΙΝΣΤΙΤΟΥΤΟ ΙΑΤΡΩΝ</p>	
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		Tuesday May 26, 2026
18:00	21:00	Welcome Drinks

		Wednesday May 27, 2026	
		Auditorium ORAMA	Auditorium CORALI
09:00	09:30	Registration & Coffee	
09:30	10:00	Open Ceremony - Welcome Presentations	
10:00	11:00	<p>Keynote: INDOOR ENVIRONMENTAL HEALTH & WELL BEING Chair:</p> <p style="text-align: center;">KEYNOTE</p> <p style="text-align: center;">ASHRAE's role in Meeting Health Challenges by through Better Built Environments</p> <p style="text-align: center;">Prof. William P. Bahnfleth PE, FASHRAE, FASME, FISIAQ Professor of Architectural Engineering The Pennsylvania State University Presidential Member ASHRAE (2013-2014)</p> <p style="text-align: center;">Improving Building Performance</p> <p style="text-align: center;">Thomas H. Phoenix P.E., FASHRAE, FCIBSE, BEMP, LEED AP, Presidential Member ASHRAE (2014-2015)</p>	
11:00	11:30	Coffee Break	



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11:30	13:30	<p>Session-1: RESILIENCE, ENERGY EFFICIENCY & DECARBONISATION part-I</p> <p>Chair:</p> <p>Whole Life Carbon – Issues and Guidance Donald Colliver <i>Professor Emeritus, University of Kentucky, FASHRAE, ASHRAE President 2002-2003</i></p> <p>-----</p> <p>Decarbonizing Hospital Buildings Constantinos A. Balaras <i>Dr Mechanical Engineer, FASHRAE, Research Director, Institute for Environmental Research & Sustainable Development, National Observatory of Athens, Greece</i></p> <p>-----</p> <p>Safe Electrification Pathways: Cross-Sectoral HSE Insights and Their Replication Potential in Healthcare Missa Vassiliki <i>Chemical Engineer, M.Sc., Eurocore Managing Director</i></p> <p>-----</p> <p>Safe Electrification Pathways: Cross-Sectoral HSE Insights and Their Replication Potential in Healthcare Chrysanthi Panagiotopoulou, Ph.D. <i>Chemical Engineer, PhD, Msc, Eurocore Senior R&I Consultant</i></p>	<p>Session-2: BUILDING SYSTEMS & INSTALATIONS</p> <p>Chair:</p> <p>Applying Existing Building Commissioning Processes in Hospital Buildings K. William Dean, P.Eng. <i>Mechanical Engineer, ASHRAE Distinguished Lecturer</i></p> <p>-----</p> <p>Integrating Civil-Military Strategies: Engineering and Medical Innovations for WMD Preparedness in Public Health Infrastructure Vice Admiral (r) Georgios Bamplenis HN <i>Honorary. Commander Hellenic Navy Logistics Command, Marine Engineer MEng - MA</i></p> <p>-----</p> <p>Clean room design & classifications. ASHRAE Standards and design guides in Health Alkis T. Triantafyllopoulos <i>Mechanical Engineer, Head of Engineering at Menerga Hellas, ASHRAE HVAC Trainer, ASHRAE DL (Distinguished Lecturer)</i></p> <p>-----</p> <p>Multi-layer Auto-tuning System for Cleanroom Airflow Control Based on Distributed Particle Sensors Wei Sun, P.E., FASHRAE <i>Engsysco LLC, Ann Arbor, Michigan, USA</i></p> <p>-----</p> <p>Building EQ Doug Cochrane <i>.Eng., LEED AP, CDP, MAshrae, ASHRAE Director at Large (DAL) 23-26, ASHRAE Distinguished Lecturer & ALI Instructor, Pub Ed Council, BOD EXO Training & Education Comm, BOD Subcommittee DEI</i></p>
		13:30	14:30



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ASHRAE TEE
Hellenic Chapter

14:30	16:00	<p>Session-3: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS part-I</p> <p>Chair:</p> <p>Performance Evaluation of Low-Cost Sensors for Indoor Environmental Quality: Evidence from Selected Case Studies Prof. Aleksandar Andjelkovic, Ph.D. <i>Mechanical Engineer, Professor, Director of Energy Innovation Center, Head of Thermal Engineering Chair and Laboratory, Faculty of Technical Sciences, University of Novi Sad, Serbia</i></p> <p>From Sensors to Survival: Designing Buildings That Heal Stephanie Taylor, MD, M Arch <i>Medical Advisor for ThinkLite Air</i></p> <p>Role of Small-Sized Air Purifiers in Indoor Air Quality Strategies Angela Southey, PhD, MPH <i>Chief Technical Officer in Aerobiology at iAir Laboratory, Airmid Healthgroup Ltd., Citywest Business Campus, Dublin, Ireland</i></p>	<p>Session-4: MANAGING INDOOR POLLUTANTS</p> <p>Chair:</p>						
		Coffee Break							
17:00	18:00	<p>Round Table: SPECIFICATIONS FOR MEDICAL ESTABLISHMENTS - WHAT THE MEDICAL & THE ENGINEERING FIELDS NEED FROM EACH OTHER</p> <p>Moderator:</p> <ul style="list-style-type: none"> Liana Anagnostaki TEE <p>Panel:</p> <table style="width: 100%;"> <tr> <td>1. William Bahnfleth</td> <td>4. Prof. Sani Dimitroulopoulou</td> </tr> <tr> <td>2. Thomas H. Phoenix</td> <td>5. Dr. John McKeon, MD</td> </tr> <tr> <td>3. Elena Farkona</td> <td>6. Dr. Margarita Bembi, MD</td> </tr> </table>		1. William Bahnfleth	4. Prof. Sani Dimitroulopoulou	2. Thomas H. Phoenix	5. Dr. John McKeon, MD	3. Elena Farkona	6. Dr. Margarita Bembi, MD
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18:00	19:00								
19:00	21:00	Diner / Social event (Welcome Party)							

		Thursday May 28, 2026	
		Auditorium ORAMA	Auditorium CORALI
09:00	09:30	Registration & Coffee	
09:30	10:00	Welcome Presentations	
10:00	11:00	Session-5: DESIGNING HEALTHY BUILDINGS part-I Chair:	Session-6: FILTERS, SENSORS, CONTROLS Chair:
		<p>KEYNOTE</p> <p style="color: blue;">On the history and future of IAQ and health</p> <p>Prof. Sani Dimitroulopoulou, Ph.D. Principal Environmental Public Health Specialist Indoor Environments, Air Quality and Public Health, UK Health Security Agency</p> <p style="color: blue;">The Evolution of Healing: From Asclepieia to the Rational Medicine of Hippocrates</p> <p>Prof. Helen Skaltsa, Ph.D. Professor, National and Kapodistrian University of Athens, School of Health Sciences, Department of Pharmacy, Section of Pharmacognosy & Chemistry of Natural Products, Athens, Greece</p>	
11:00	11:30	Coffee Break	



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Hellenic Chapter

11:30	13:30	<p>Session-7: DESIGNING HEALTHY BUILDINGS part-II</p> <p>Chair:</p> <p>Ventilation to Manage Airborne Infection Risk: ASHRAE Standard 241 Control of Infectious Aerosols Prof. William P. Bahnfleth PE, FASHRAE, FASME, FISIAQ Professor of Architectural Engineering The Pennsylvania State University</p> <p>The Impact of Hospital-Acquired Infections on Patients and their Main Causes: Microbes, Poor Handling Techniques and Poor Hospital Environments Margarita Bempi, MD Surgeon-Obstetrist-Gynaecologist, Gynekologist MD, MSc / Breast Surgeon</p> <p>Quantitative Assessments of ASHRAE 241 Conformance and the Contributions of GUV Systems Giulia Santi Graduate in Economics, master's degree in Export Management, CGUVMP, CEO of Light Progress Group, S.R.L.</p> <p>Visible Light-Activated Antibacterial Coatings for Healthier Indoor Environments Alexandros Karathanasis, Ph.D. Chemical Engineer, CEO Creative Nano PC, Athens, Greece</p>	<p>Session-8: DIGITAL UNIVERSE part-II</p> <p>Chair:</p> <p>Evaluating the Accuracy of AI in Making Clinical Decisions Drury B. Crawley Ph.D., FIBPSA, FCIBSE, FASHRAE, Bentley Fellow, Sustainability and Education, Bentley Systems, Inc., Washington, DC, USA</p> <p>Evaluating the Accuracy of AI in Making Clinical Decisions Christos Zoukos BSc Computer Engineering, MSc Business Analytics, MBA, Co-founder, Altrovia.ai</p> <p>Smarter Clinical Trials with AI: From Concept to Care Georgia Lytra Pharmacology, Kings College London, Co-founder, Altrovia, New York, NY</p> <p>Exploring AI Opportunities in BIM Environments for Strengthening Green Building Certification Practices Sanja Dubljević Architect, LEED Green Associate, Associate Member of ASHRAE, Science associate, Department of Energy and Process Engineering, Faculty of Technical Sciences, University of Novi Sad, Serbia</p>
		13:30	14:30



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14:30	16:00	<p>Session-9: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS part-II</p> <p>Chair:</p> <p>Green Surgery in Practice: Optimizing Outcomes and Minimizing Waste in the Operating Room</p> <p>Christos Kontovounisios, MD, PhD, FACS, FRCS <i>Director, 2nd Surgical Department, HYGEIA Hospital, Athens, Greece. Adjunct Professor, Department of Surgery, NYU Grossman School of Medicine, New York.</i></p> <p><i>Visiting Reader, Department of Surgery and Cancer, Faculty of Medicine, Imperial College London.</i></p> <p><i>Visiting Professor, School of Medicine, National and Kapodistrian University of Athens.</i></p> <p><i>Honorary Consultant in Colorectal Surgery, The Royal Marsden NHS Foundation Trust, London, The Chelsea and Westminster NHS Foundation Trust, London</i></p> <p>— — —</p> <p>From Air to Outcomes: Integrating Biomarkers, AI, and the Exposome into Indoor Environmental Performance</p> <p>Dr. John McKeon MD <i>CEO, iAIR Health Group</i></p> <p>— — —</p> <p>The Human Body as a Thermodynamic System: Parallels Between Thermoregulation and Building Management</p> <p>Stelios Lampadakis <i>Mechanical Engineer MSc, Consultant Engineer in Fine Living, Head Engineer in Mechanical Solutions, ASHRAE Hellenic Chapter BoD</i></p>	<p>Session-10: RESILIENCE, ENERGY EFFICIENCY & DECARBONISATION</p> <p>Chair:</p>
		<p>16:00 16:30 Coffee Break</p>	

		<p>Round Table: DIGITAL TWINS AND AI IN MEDICAL ESTABLISHMENTS - ARE MEDICAL ESTABLISHMENTS OVER OR UNDER ENGINEERED</p>						
17:00	18:00	<p>Moderator:</p> <ul style="list-style-type: none"> • Liana Anagnostaki <p>Panel:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 20px;">1. Drury Crawley</td> <td>4. _____</td> </tr> <tr> <td>2. Christos Zoukos</td> <td>5. _____</td> </tr> <tr> <td>3. Georgia Lytra</td> <td>6. _____</td> </tr> </table>	1. Drury Crawley	4. _____	2. Christos Zoukos	5. _____	3. Georgia Lytra	6. _____
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18:00	19:00							
19:00	21:00	Diner / Social event (Greek night)						



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ASHRAE TEE
Hellenic Chapter

		Friday May 29, 2026	
		Auditorium ORAMA	Auditorium CORALI
09:00	09:30	Registration & Coffee	
09:30	10:00	Welcome Presentations	
10:00	11:00	<p>Session-1: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS Chair:</p> <p>Designing and Operating Buildings for People and Performance – IEQ Does Matter Darryl K. Boyce, P.Eng. <i>ASHRAE Presidential Member, ASHRAE Fellow President 2019-2020</i></p> <p>The Nexus of Climate Change, Health Care, and Human's Exoskeleton Donald Colliver <i>Professor Emeritus, University of Kentucky, FASHRAE, ASHRAE President 2002-2003</i></p> <p>Global Doctors' Hippocratic Institute - Hippocratic Week - Hippocratic School. Prof. Antonios Polydorou MD <i>Interventional Cardiologist, General Secretary of Global Doctors' Hippocratic Institute</i></p>	<p>Session-1: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS Chair:</p> <p>Perceptions of Place: University Environment and its Relationship with Students' Well-Being and Academic Engagement Prof. Katerina Lampropoulou, Ph.D. <i>Associate Professor of Applied School Psychology, Department of Psychology, School of Philosophy, National and Kapodistrian University of Athens</i></p> <p>Microbial "Co-habitation" in the Built Environment: Challenges and Impact on Human Health Colonel (MC) Nick Syristatidis, Ret. MD <i>Medical Biopathology/Laboratory Diagnostics specialist</i></p> <p>The impact of Nutrition on Cognitive Performance in Indoor Work Environments Vera Giannakitsa <i>Dietitian-Nutritionist, Hellenic Mediterranean University of Crete, MSc Medical School of Athens, Owner of Nutriology Dietetics Office, Athens, Greece</i></p>
		Coffee Break	
11:00	11:30		

11:30	13:30	<p>Session-1: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS</p> <p>Chair:</p>	<p>Session-1: INDOOR ENVIRONMENTAL HEALTH - HOSPITALS</p> <p>Chair:</p>						
13:30	14:30	<p>Round Table: ONE MORE THING - IMPRESSIONS, SUGGESTIONS, RECOMMENDATIONS - 360° CONFERENCE EVALUATION</p> <p style="text-align: center;">Moderator:</p> <ul style="list-style-type: none"> • Dimitris Charalambopoulos <p style="text-align: center;">Panel:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">1. _____</td> <td style="text-align: center;">4. _____</td> </tr> <tr> <td style="text-align: center;">2. _____</td> <td style="text-align: center;">5. _____</td> </tr> <tr> <td style="text-align: center;">3. _____</td> <td style="text-align: center;">6. _____</td> </tr> </table>		1. _____	4. _____	2. _____	5. _____	3. _____	6. _____
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14:30	15:30	<p>Lunch - End of Conference</p>							