CLIMA 2025

REHVA 15th HVAC World Congress

4 - 6 June 2025, Milan Italy

Second call for papers
Abstract Submission
deadline 31st August 2024

SUBMIT NOW

Dear Colleagues,

We are pleased to announce the "15th REHVA HVAC World Conference Clima 2025 - Decarbonized, healthy and energy conscious buildings in future climates" which will be held in Milan, Italy at the Bovisa Campus of the Politecnico di Milano and on-line from 4th to 6th June, 2025.

Clima 2025 will be a hybrid congress both in presence and online.

The REHVA HVAC World Congress CLIMA is the leading international scientific congress in the field of heating, ventilation, and air conditioning (HVAC). The theme of this Italian edition is "Decarbonized, healthy, and energy-conscious buildings in future climates". CLIMA 2025 will offer professionals, academics, and companies in the HVAC sector a unique opportunity for international discussion about these "hot" subjects.

CONGRESS TOPICS

● New HVAC components and systems.

New heat pumps and air conditioning systems; New low GWP refrigerants; Solar systems; Renewables in HVAC; Energy recovery systems; Enhanced surfaces.

Digital Twins; Fault Detection; Diagnosis and Evaluation; New monitoring and control systems: Artificial Intelligence; Machine Learning.

● HVAC impact on comfort and health of occupants and operators.

IEQ; IAQ; Ventilation; Healthcare Environments; Thermal comfort; Air filtration; Contaminants control.

● Environmental impact of the new technologies, economic and social consequences.

Urban Heat Islands; Energy poverty; Energy audits; Energy certification; Carbon footprint; Climate change mitigation; LCA.

● Breakthrough design approaches for minimization of HVAC carbon footprint.

Multisource heat pumps; LCC; Commissioning; BIM; Thermal energy storage.

● Renewable energy communities plus energy districts.

● Short and long-term energy storages for the decarbonization of heating and cooling in buildings and districts.

● Zero Emission Buildings.

ZEB; NZEB; ZCB.

● Adaptive and integrated technologies for the building envelope.

● Options for mitigating the impact of building energy consumption on future climate changes.

Energy demand management; Energy Modeling to Design Energy-Efficient Strategies.

● Smart Buildings.

Smart Readiness Indicators; Cognitive buildings; Internet of Things; BIM; Digital Twins; BMS; Interoperability; Security.

New monitoring and control systems; BACS; Remote Metering; Data Analytics; Cloud Computing; Artificial Intelligence; Machine Learning.

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With kind regards,
Claudio Zilio (Congress Chair)
Filippo Busato (Congress Co-chair)