ENERGY in BUILDINGS 2025

Date: Saturday, February 22, 2025
Place: Thessaloniki, Macedonia, Hellas

Event:

ASHRAE
Hellenic Chapter

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Prof.arch.

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Presentation title: Historic Buildings and Energy: Challenges, Compromises and Opportunities

Given that we are facing a climate crisis of proportions that are still not fully definable, and that our lives as a human race are consequently changing more and more rapidly, even practical professional life is tangibly shifting.

Historic buildings constitute a significant portion of the built heritage in Italian cities. These buildings are often subject to urban, landscape, and artistic constraints. This condition, along with the urban planning laws in force, and the market heavily influenced by unstable sanitary and geopolitical situations in recent years, have contributed to making renovation and recovery interventions on these buildings increasingly complex. It was only in 2013 that Italy introduced the obligation of energy certification also for historic buildings, without, among other things, clarifying a 2005 legislative decree which states that in historic buildings the energy performance standards were not applicable in the case where they entailed an unacceptable alteration to their character or appearance with particular reference ti historical or artistically character.

All of this background creates confusion both regarding the expectations of the final client and the plausible and, ultimately, actual energy performance of buildings after renovation and restoration interventions.

This presentation offers a personal perspective that lies between theoretical reflection and daily practice in the field, with insights into challenges, compromises, and opportunities, as well as how to position expectations within legislative frameworks, investment logic for these types of buildings, and the final well-being of the people who will occupy them.

Short CV:	

Architect and professor of architecture design and interior design at LABA Firenze, adjunct professor at Master in Interior Design UNIFI University of Florence, tutor and guest critic at Kent State University Florence. Active member of CISDU - International Center for Studies on Urban Design since 2017 and of ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers since 2009, licensed architect with the Order of Architects of Florence since 2008.

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Milena Blagojevic is an architect originally from Serbia, who has built her professional career in Italy, where she primarily lives and works in Florence. She specializes in the restoration and renovation of historic buildings, with a particular focus on energy efficiency and sustainability. Her work is characterized by a combination of theoretical reflection and practical application, with a strong emphasis on enhancing architectural heritage through innovative solutions that respect the original history and features of buildings. Blagojevic has developed a particular interest in resource management and sustainability in renovation projects, addressing the challenges posed by regulations, new technologies, and contemporary demands for energy efficiency.

She is actively engaged in the Italian architectural scene, especially in the field of designing interventions in historic contexts, an area that requires a high level of technical expertise and cultural sensitivity, and is in recent years increasingly involved as project manager of important high-end restorations projects of listed residential buildings.

She has published scientific texts throughout the years of research as well as a monographic book.