# **Special Issue**

# Preventive Conservation and Energy Efficiency of Heritage Buildings

# Message from the Guest Editors

- Preventive conservation of cultural heritage: a contemporary perspective and new approaches
- Energy and environmental monitoring of heritage buildings and sites
- Criteria and methodologies for energy efficiency of historic buildings
- Case studies of energy retrofit of historic buildings
- Energy efficiency of heritage sites and city centers
- The impact of political and social agendas on energy efficiency of historic buildings
- Technical standards / National and international legislation
- Non-destructive technologies for cultural heritage (e.g. infrared thermography)
- Energy audit and simulation of historic buildings
- Building-HVAC modeling
- Conservation and management of 20th Century architecture
- Methodological approaches, specific methods and tools for preventive conservation and energy efficiency of cultural heritage
- High energy performance materials applied to cultural heritage
- Integration of heritage buildings and landscapes with renewable energy resources
- The human factor in the issue of energy efficiency of historic buildings (behavioral sciences: economics, sociology)
- Smart Solutions (e.g. Smart Home Technology) for preventive conservation and energy efficiency

#### **Guest Editors**

Prof. Dr. Elena Lucchi

Dipartimento di Ingegneria Civile e Architettura (DICAr), University of Pavia, Via Ferrata 3, 27100 Pavia, Italy

Prof. Dr. Davide Del Curto

Department of Architecture and Urban Studies, Politecnico di Milano, Piazza L. da Vinci 26, 20133 Milano, Italy



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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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