# Intelligent Computing in Architecture, Engineering and Construction

Guest Editors:

**Prof. Dr. Barbara Strug**
Institute of Applied Computers Science, Jagiellonian University, 30-348 Kraków, Poland

**Prof. Dr. Grażyna Ślusarczyk**
Institute of Applied Computers Science, Jagiellonian University, 30-348 Kraków, Poland

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## Message from the Guest Editors

The building and construction industry is a contributor to the global economy and currently employs about 7 percent of the world's working-age population. It is estimated that about $10 trillion is spent on construction-related goods and services every year. In recent decades, the use of computer methods to aid and assist architects, engineers, and others involved in the building and construction industry has grown significantly, which has brought both opportunities and challenges. One of these elements is the introduction of building information modeling. The use of BIM has increased significantly within the building community and has largely contributed to the process of eliminating faults in designs. It has also provided a supportive layer for computing approaches helping to bring intelligent methods to the AEC (architecture, engineering and construction) domain.

**Keywords** AEC; BIM; machine learning; artificial intelligence; knowledge representation and processing; data mining

Special Issue

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

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