



CIB W078 2012

The Department of [Civil Engineering](#) / [School of Engineering](#) at The [Lebanese American University](#), and the [International Council for Research and Innovation in Building and Construction](#) (CIB) are pleased to announce the CIB W078 2012 Conference in conjunction with the CIB MENA Network. This conference will be held in Beirut, Lebanon 17–19 October 2012. The official conference language will be English.

The W078 conference topics will include but are not limited to:

- Managing IT Strategies
- Mobile Computing
- Situation Awareness and Sensing Technologies
- Product Modeling
- Building Information Modeling
- Process Modeling
- Virtual Reality and Augmented Reality
- Automated Approaches in Construction
- Data, Information and Knowledge Management
- IT Supported Architectural and Engineering Design
- 4D/nD Modeling
- Visualization and Simulation Techniques
- Communication and Collaboration Technologies
- Visual Pattern Recognition Technologies
- Model Based Management Tools and Systems
- Data Acquisition and Storage

CIB MENA Network

The newly established CIB MENA Network is a regional grouping set up to facilitate the creation of

research groups from across the region, and beyond, around the priorities of a research agenda for construction and building in the region.

There will be special track for the CIB MENA Network in the CIB W078 2012. Papers should be focused on research related to the Middle East and North Africa. The MENA region is undergoing change that is putting significant pressure on the construction industry to deliver and support the desired developments and infrastructure. Hence papers are expected to focus on the following (but not limited to):

1. Construction Industry Development
2. Affordable Housing
3. Energy and Water Efficiency in Design, Procurement, Construction, and Operation
4. Infrastructure Project Management
5. Effective People Management and Leadership.
6. Effective Project Procurement (e.g. PPPs)
7. Innovative Construction Methods (e.g. Automation)