

BIM AND SAFETY IN ARCHITECTURAL DESIGN



**Prof. Lamine
Mahdjoubi**

Professor Mahdjoubi is an Architect and Urban Designer. He is currently the Head of the BIM Research Group, at the University of the West of England, Bristol (UK) and Director of the postgraduate programme in BIM in Design, Construction and Operations <http://courses.uwe.ac.uk/K2101/2014>

He is chairing the forthcoming International Conference on Building Information Modelling (BIM) in Design, Construction and Operations from 9-11 September, 2015 <http://www.wessex.ac.uk/15-conferences/bim-2015.html>

Professor Mahdjoubi is also one of the Director of SiD (Safety in Design). SiD is a company, delivering safety solutions since 2003 <http://www.safetyindesign.org.uk/>



**Dr. Fodil
Fadli**

Dr. Fadli is an Architect and Urbanist, and currently an Assistant Professor of Architecture & Urban Design at the Dept. of Architecture & Urban Planning-Qatar University. <http://www.qu.edu.qa/engineering/architecture/directory.php>

He has held academic and industry positions in Algiers, Huddersfield UK, Ulster, Landmark Leeds Ltd, and more recently Liverpool University-LSA. He is a leading researcher with several large R&D grants, of which "CUBER" Critical Urban Building Emergency Response-a project started in Feb.2014 <http://www.cuber.org.uk/index.html>.

He is also investigating the role of living walls in hot regions and optimization protocols for safe sustainable buildings. <http://www.performance.org/assessing-sustainability-building->



You are cordially invited to **Lecture and Workshop on BIM and Safety in Architectural Design**

By: Prof. Lamine Mahdjoubi (UWE Bristol), Dr Fodil Fadli (QU) & Dr Hichem Barki (QU)

Thursday 11th December 2014

Lecture 13:00-14:00 & Workshop 14:15-15:30 - Room: C07-156 DAUP (Female Eng. Building)

Lecture: Designers' interventions are increasingly being held responsible as a primary factor in the cause and exacerbation of accidents. On many occasions, unsound early decisions were identified to be either significant contributory factors or the root causes of eventual injuries or accidents on site. There is evidence to suggest that poor design specification can result in an increased risk of injury. Many defects and accidents are preventable with a better informed design. This lecture outlines how Building Information Modelling (BIM) driven Safety in Design could be embedded in everyday design practices, so that users will have enough skills to use it on a daily basis to manage the safety and well-being of those affected by their design decisions.

Workshop: One of the key recommendations is that architecture schools should concentrate on introducing health and safety concepts, particularly through live projects working with real clients and scenarios, rather than confusing students with excessive detail about regulations. We will use a case study approach to demonstrate how Safety in Design enabled by BIM can help to achieve Safety by design. The workshop is mainly designed for Architecture Students.

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