



School of Graduate Studies and Research

Invites faculty, staff, and students to attend

Faculty Research Colloquium



Arch. Jose Antonio Ferrandiz Gea

Assistant Professor of Architecture Department in School of Engineering

“The Introduction of BIM Tools at the Architectural Department: A Mixed Method Research to Evaluate and Improve Introduction of ICT at the Architectural Program”

**3:00-4:00 PM, Sunday, November 19, 2017
Building G, Ground Floor, Multi-Purpose Hall**

Abstract

The Architectural, Engineering and Construction (AEC) industry is living a paradigm shift; The introduction of a new working methodology Building Information Model/Modeling/Management (BIM) is turning the market upside down, and modifying the whole working environment and relation between the different stakeholders. My research introduce a mix-method methodology based on students' performance, satisfaction, motivation and opinion, to improve the introduction of new ICT tools into de courses of the program. This study is an alive experience where every semester the course improves in order to improve the learning experience of our students at the same time that we prepare our students for the new working environment of the AEC industry.

I will also want to introduce a hands-on design course, which I am developing about shelter to raise awareness of our students, that in this changing world anyone can go through a tough situation, and we as technicians we should be aware of the situations surrounding us and help.

About the Speaker

Arch. Jose Ferrandiz is an Assistant Professor of the Architecture Department at the American University of Ras Al Khaimah (AURAK). He began his career as a faculty in Barcelona 2007 and moved to United Arab Emirates University in 2013 where he began his research about seismic construction, design, and Building Information modeling. In 2015, he joined the Academic for interoperability coalition research group, with members from 48 universities all over the world. In 2008, he created FerMak architecture design studio with his colleague Julia Makaritcheva and they did the architectural and urban services, competitions, renovations and Industrial collaboration creating a precast concrete housing system. As remarkable achievements, he is very proud of the award received in 2009 in Miami Playa for our “Boulevard 340” proposal at the Architectural & urban competition, the high impact journal “Evaluating the benefits of introducing “BIM” based on Revit in construction courses, without changing the course schedule” and finally creating a Design course about architecture and urbanism for disaster situations.