School of Business
Research Seminar Series 2018-2019

'IT Governance in Smart Cities: a Multiple Case Study'

Dr Giovanni Maccani

Date: Wednesday, 19 June 2019
Time: 12:00pm
Venue: RHE01 (School of Business Building)

Paper Abstract

Research on urban governance has developed into a mature academic field in many disciplines including Information Systems (IS). However, there has been little focus in research on how IT governance (ITG) should be implemented in complex urban scenarios where there are multiple IT-dependent strategic initiatives all vying for attention simultaneously. In these scenarios city authorities are expected to coordinate the choice, the co-creation, and the value delivery of multiple IT-enabled services while continuing to deliver on their traditional expertise - a classic ITG issue. To understand how ITG is being implemented in complex scenarios, three 'smart city' case studies are described. These are examples of municipalities implementing a structure in order to effect a change, i.e. advancing a smart agenda. As a change agent, the Smart City Functions are, in effect, dynamic capability agents designed to sense the environment, seize opportunities, and transform the municipality. A critique of the cases from a dynamic capability perspective and management guidelines are presented.

About the Speaker

Giovanni is lecturer in Management Information Systems at the School of Business, Maynooth University. He is also an Academic Member of LERO, the Irish Software Research Centre, and of the Business Informatics Group at Dublin City University. Giovanni has achieved a Bachelor degree in Engineering, and Master degree in Financial Management Engineering, both at Politecnico di Milano. He got a PhD in Information Systems at Maynooth University under the "Enterprise Partnership Scheme" of the Irish Research Council (IRC) in 2016. This programme was funded by IRC and Intel Corp. (enterprise partner). The research domain is around the emerging concept of Smart Cities – Sustainable Connected Cities and Open Government Data.

To RSVP, please email business@mu.ie.