



## Ph.D. School in Electrical and Electronic Engineering and Computer Science

### International Doctoral School on Advanced Topics in Electrical and Electronic Engineering and Informatics

# Govern IT! Possible ways for R+D+i on Computer and Management Sciences, together

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29 May 2013, h 11.00  
Seminar Room (ex Dipartimento di Elettronica) – D Floor  
Dipartimento di Ingegneria Industriale e dell'Informazione  
Università di Pavia – Via Ferrata 3 - Pavia

IT Governance is the organizational capacity exercised by the board, executive management and IT management to control the formulation and implementation of IT strategy and ensure fusion with business units' goals. It consists of leadership, organizational structures, and processes that ensure that the organization's IT sustains and extends the organizational strategy and objectives. On one hand, public owned enterprises spend public money; how this money is spent and the quality of services it provides is critically important as citizens, users and taxpayers. Therefore, we need good governance of public services to be of a high standard. Good governance leads to good management, good performance, good investment of public money, good public behavior and good outcomes. There is clear evidence that many have difficulties in fulfilling these responsibilities.

On the other hand, an IT framework is straightforward model for helping organizations implement an IT governance standard. But any framework only illustrates the connection between Corporate Governance and the company's key assets governance.

The main question our research pursues is whether it also serves to contribute to the general principles of good governance. In the seminar we will show that there are numerous links, explicitly and implicitly expressed through governance instruments. Therefore, IT governance frameworks should cover the principles of good governance and our research and implementation demonstrated it.

This seminar will shortly introduce IT Governance frameworks and explain how our research and development on IT governance frameworks can support the Good Governance Principles for Public Services and furthermore, how to enlarge them with several instruments of governance to improve its applicability for any public enterprise or corporate. The real implementation at University of the Balearic Islands is also illustrated.

**Biography:** Professor Carlos Juiz received the B.Sc., M.Sc. and Ph.D. degrees in Computer Science in 1988, 1992 and 2001, respectively from the University of the Balearic Islands (UIB), Spain. Currently he is Vice-Rector for Information Technologies at UIB and Associate Professor at the Computer Science Department. Before joining UIB, he had several positions in the computer systems industries. He was also visiting researcher at Department for Computer Science and Business Informatics, University of Vienna, in 2003 and Visiting Associate Professor at Biomedical Informatics Research, in 2011 at Stanford University. Professor Juiz is heading the ACSIC research group at UIB and his research interest mainly focuses on web performance engineering, semantic web and IT governance.

**Ph.D. Coordinator**  
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Seminar in English.

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