Stenden University Qatar

Research Seminar 9

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Product Lifecycle Management in the Era of Internet of Things: Vision and Challenges

Abstract

Current product life cycle solutions involve many complex processes and employ numerous computer-based applications/systems. As a management paradigm, Product Lifecycle Management (PLM) is a technical approach to creating and managing a company's product-related intellectual capital, from the product's initial conception to the product's retirement (modelling, capturing, manipulating, exchanging and using of information). The PLM concept is gaining acceptance primarily because of the emergence of the networked firm and the networked economy, in contrast to the market- or hierarchy-based organizations that typically use a transactions cost model as the cornerstone for the choice of organizational structure.

In this talk we will review the key points related to PLM such as open standards and long-term preservation, in different application domains (including Smart City systems). We will also address the impact of Internet of Things on PLM and the vision of CPS (Cyber-Physical systems).

Biography

Dr. Abdelaziz Bouras is currently Professor at Qatar University where he is leading the ISE Information and Software Engineering research team and was holding the ictQATAR Industry Chair position. He is the current Chair of the IFIP WG5.1 on lifecycle engineering, under which the IFIP PLM conferences and PLM journal are managed. Prior to his stay in Qatar University he was Deputy Director of a research laboratory (DISP Lab) on Information Systems, and Director of the innovation and technology transfer center (CERRAL) of the University of Lyon. In 2011 he has been conferred the Honoris-Causa award in Science (ICT and Knowledge Management) by Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand for his efforts at the international level and particularly between UE/South-East Asia (5 EU-ASEAN projects). His research focuses on information systems and lifecycle engineering.

Date: 08 February 2017 (4-5pm)

Venue: Room 200, Stenden University Qatar