



## INVITATION

The Computer Science Department (CSD) of the University of Crete (UOC), and the Erasmus Mundus International Master in Service Engineering (IMSE) program would like to invite you to the lecture of:

**Prof. Yannis Viniotis\***

Wednesday, 28 May 2014, 14:00, Room K206, CSD, UOC Heraklion Campus.  
(broadcasted live at [vod.ucnet.uoc.gr](http://vod.ucnet.uoc.gr))

Prof. Viniotis (North Carolina State University) will be speaking on

### *The Internet of Things (IoT) or Internet of Everything (IoE)*

#### Abstract:

The Internet of Things (IoT) or Internet of Everything (IoE) is an incarnation of the Internet in which "everyday objects" (i.e., things, as opposed to humans) become uniquely identifiable and attain network connectivity, allowing them to send and receive data. In this talk, we will discuss how this capability enables us to inventory and manage things automatically, for example via computers. We will describe in detail how IoT/IoE promises to transform vertical industries and daily life and present some open research problems in the healthcare industry.

Host: Prof. Christos Nikolaou, CSD-UOC, IMSE

\* Yannis Viniotis (<http://www.ece.ncsu.edu/people/candice>) is a Professor at North Carolina State University. His current research interests are in the areas of service engineering, design of high speed networks (with special emphasis on Quality of Service, transport protocols, ASIC implementations), network algorithm analysis and applications of IT in healthcare. Dr. Viniotis has chaired two international conferences on networking. He was a guest editor for the Performance Evaluation Journal's special issue on high speed networks. In 1997, he authored a textbook on probability theory and random processes. In 1998, Dr. Viniotis co-founded Orologic, a successful startup company in RTP; Orologic was acquired by Vitesse Semiconductor Corporation in March 2000. While at Orologic, Dr. Viniotis has designed two chips for Quality of Service in IP and ATM networks, the first such chips that operate at 2.4 Gbps. In 2004, he authored a textbook on mathematical principles for electrical and computer engineers.