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Public Lecture



Prof. Elhadi M. Shakshuki

Professor and Wheelock Chair, Jodrey School of Computer Science
Acadia University, Canada

“Agents for Smart Environments”

Tuesday, December 16, 2014, at 3:00 PM
Conference Room - Building D

Abstract

Multi-agent systems, ubiquitous and pervasive computers, networks and information all contribute to paving the way towards a smart world. One in which intelligent computation will be carried in a distributed fashion throughout the physical environment to provide the relevant services to human users. In this presentation, I will provide an overview of the past, current and the future of keywords such as agents, big data, cloud computing, context-aware, internet-of-things, and ubiquitous/pervasive computing. These keywords reflect the wide range of research areas and support the need to develop new theories and systems. I will focus in particular on software agent's approach, with examples to illustrate the key research challenges that need to be addressed.

About the Speaker

Prof. Elhadi Shakshuki is a professor and Wheelock Chair in the Jodrey School of Computer Science at Acadia University, Canada. His research interests include Intelligent Agents, Pervasive and Ubiquitous Computing, Distributed Systems, Handled Computing, Wireless Sensor Networks. He is the founder and head of the Cooperative Intelligent Distributed Systems Group at the School of Computer Science, Acadia University. He received his BSc degree in Computer Engineering in 1984 from Tripoli University, Libya, MSc and PhD degrees in Systems Design Engineering respectively in 1994 and 2000 from the University of Waterloo, Canada. Prof. Shakshuki is an Adjunct Professor at Dalhousie University, Canada. Prof. Shakshuki is the Editor-in-Chief of the International Journal of Ubiquitous Systems and Pervasive Networks. He serves on the editorial board of several international journals and contributed in many international conferences and workshops with different roles, as a program/general/steering conference chair and numerous conferences and workshops as a program committee member. He published over 170 research papers in international journals, conferences and workshops. He is the founder of the following international conferences: ANT (2006 – 2015), EUSPN (2009 – 2015), FNC (2004 – 2015), MobiSPC (2004 – 2015), and SEIT (2011 – 2015). He is also a founder of other international symposia and workshops. In addition, he is the president of the International Association for Sharing Knowledge and Sustainability, Canada, and has guest co-edited over 20 international journal special issues. He is a senior member of IEEE, and a member of ACM, SIGMOD, IAENG and APENS.