International Workshop on Integrated Enabling Technologies (IET)
Held in conjunction with
The 3rd International Conference on Mobile, Ubiquitous and Intelligent Computing
26-28 June, 2012, Vancouver, Canada

Global Reachability through Integrated Technologies

The Integrated Enabling Technologies (IET) is a novel design paradigm that recently gained a wide global attention from academia, industries, and governments. The fundamental concept is to emphasize the ubiquitous computing among global *networked* devices and physical objects, such as RFID tags, sensors, actuators, mobile phones, etc. Several *enabling technologies* shape the embodiment of this paradigm, including wireless/wired sensing, heterogeneous networking of constrained and mobile resources, radically novel network architectures, computing and control, building together a feasible physical system to support diverse applications, including smart grid, e-health, intelligent transportation, etc. It is hence our aim to focus on both design and implementation aspects in networks that are reachable, or that can be utilized in to providing reachable systems through *Integrated enabling technologies*. At the same time, we will maintain our open call in topics relevant to IET.

With this spirit, we are soliciting works describing both theoretical and practical research endeavors. We also encourage visionary and experimental descriptions. Short reports on work-in-progress will also be accommodated.

The following is a non-exclusive list of topics of interest:

- Design and deployment strategies.
- Implementation and testbed issues.
- IET architectures.
- Protocol design, including cross-layer and opportunistic approaches.
- Wireless relay, including fixed and mobile elements.
- Integrated RFIDs and Sensor Networks (RSNs)
- Internet of Things (IoT).
- Mobility & network management.
- Cognitive radios and dynamic spectrum networks.
- Performance evaluation, testbeds for experiments, and simulations.
- Green and ubiquitous computing.
- Social networks.

Important Dates

Paper registration	March 8, 2012
Paper deadline	March 8, 2012
Notification of acceptance	March, 14, 2012
Final paper	March 25, 2012

Submission Guidelines

We seek original contributions that have neither been previously published or currently under review. Authors can submit in the following categories:

Paper submissions. (up to 5 pages) Should describe complete works in a self-contained manner with the intent to give an oral presentation.

Poster submissions. (up to 2 pages) Reports on high-value recent results or work-in-progress with the intent to provide a poster presentation.

All accepted and presented papers will be included in CSDL and Xplore, and distinguished papers will be recommended for journal promotion. More details can be found at http://www.cs.queensu.ca/iet12

Workshop Co-chairs

Fadi Al-Turjman
School of Computing
Queen's University, Canada

Damla Turgut
Dept. of Electrical Engineering & Computer Science
University of Central Florida, USA

Program Committee

Waleed Alsalih
King Saud University, Saudi Arabia

Melike Erol-Kantarci
University of Ottawa, Canada

Mohsen Guizani
Qatar University, Qatar

Hossam Hassanein
Queen's University, Canada

Chen Liu
University of Alberta, Canada

Sumita Mishra
Rochester Institute of Technology, USA

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Ryerson University, Canada

Nidal Nasser
Alfaisal University, Saudi Arabia

Suat Ozdemir
Gazi University, Turkey

Elhadi Shakshuki
Acadia University, Canada

Mujdat Soyturk
Istanbul Technical University, Turkey

Mohamed Younis
University of Maryland Baltimore County, USA

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