

# ENGINEERS IRELAND - CORK REGION WINTER LECTURE SERIES

## The Internet of Things

### About the event:

The Internet has transformed our lives beyond recognition in the two decades since the term “world wide web” first emerged. However, the current internet and our means of interacting with it are, in developmental terms, relatively primitive. The emerging *Internet of Things* – where embedded systems will allow not just computers but also people, objects, structures, vehicles and machines to autonomously communicate on the Internet – will lead to transformations far beyond those brought about by the current Internet.

For all the engineering disciplines, the *Internet of Things* will be a true engineering tool for fine-grain observation and control and will provide unprecedented opportunities for engineering innovation.

This lecture will focus on the *Internet of Things*, the technologies that are being put in place to build it, the impact it will have on its users and the opportunities it offers for innovation.

### Event details:

**Date:** Tuesday 15<sup>th</sup> March 2011

**Time:** 18:30

**Venue:** Nimbus (Rubicon Centre), Cork Institute of Technology

For further details on this event, check out our [community calendar](#) in the members area of the website or visit the Cork Region [website](#)

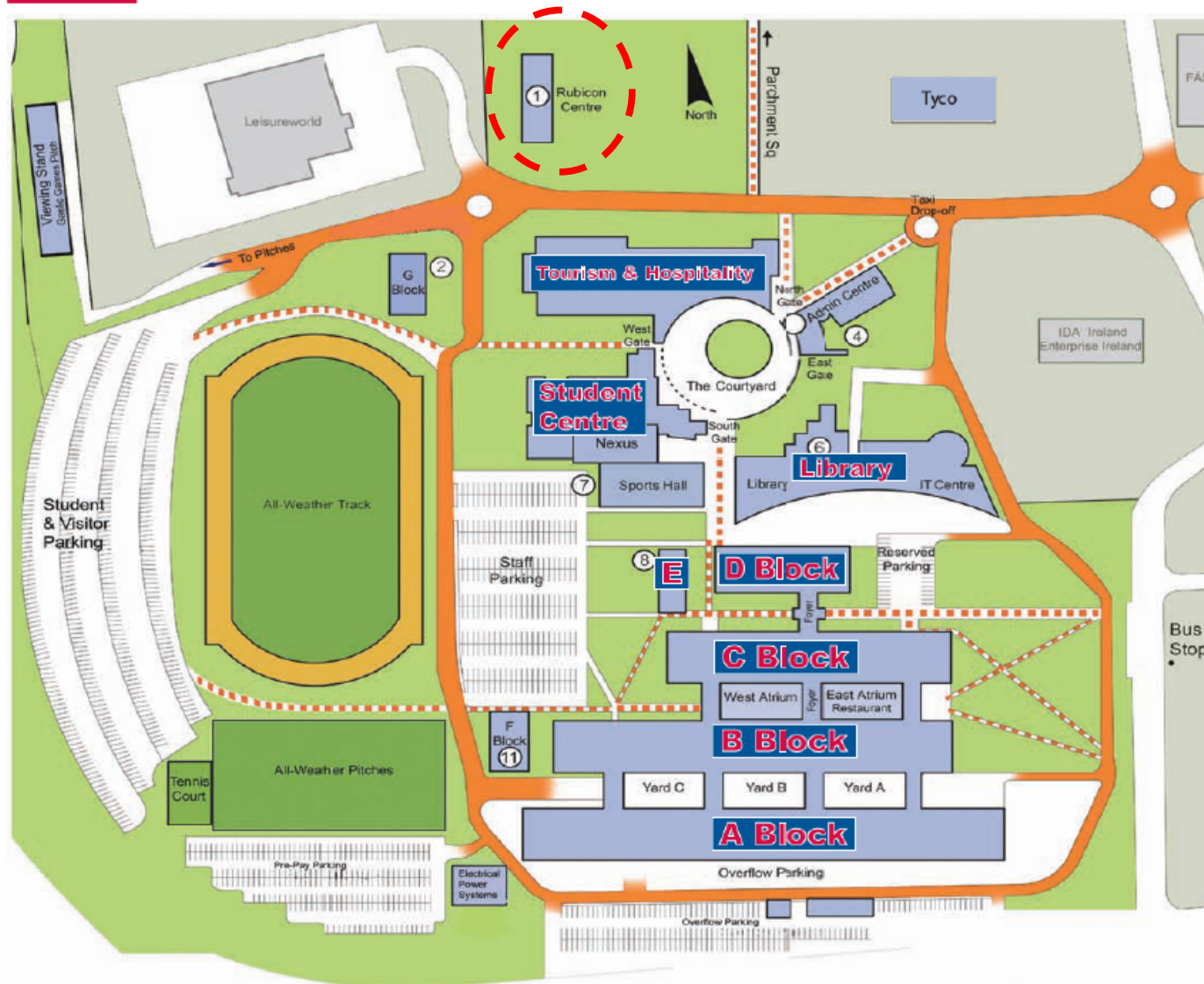
### About the speakers:

**Dr. John Barrett** is Group Director of the Smart Systems Integration Research Group and Head of Studies at the Nimbus Centre for Embedded Systems Research at Cork Institute of Technology (CIT). His research is focused on miniaturisation and embedding of smart systems in materials, objects and structures with particular emphasis on challenging and harsh application environments. He has been a lecturer and researcher in CIT since 1999 and was previously Assistant Director of the Irish National Microelectronics Research Centre, now Tyndall National Institute. He has been active in Irish and European R&D projects in the areas of packaging and systems integration for almost 30 years and has made over 100 publications and presentations in topics related to his field.



Institiúid Teicneolaíochta Chorcaí  
Cork Institute of Technology

## Open Day 2010



### Information Locations:

#### B Block

Electronic Engineering  
Electrical Engineering  
Mechanical Engineering  
Manufacturing, Biomedical & Facilities Eng.  
Construction  
Computing  
Architecture  
Civil, Structural & Environmental Engineering  
Transport & Automobile Engineering

#### C Block

Applied Physics & Instrumentation  
Biological Sciences

#### D Block

Chemistry  
Agriculture & Horticulture

#### E Block

Chemical & Biopharmaceutical Engineering

#### Library Building (IT1 - IT5)

Accounting & Information Systems  
Management & Marketing  
Social & General Studies  
National Maritime College of Ireland

#### Tourism & Hospitality Building

Tourism & Hospitality Studies

#### Student Centre

Career Exhibition  
CIT Campus Tours  
Media Communications (Meeting Room 1)  
Shop  
Common Room

#### East Atrium

Canteen

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