

# 7<sup>th</sup> IT&T Conference Programme

Thursday 25 October 2007

## Programme

- 8.30**            **Registrations**
- 8.30**            **Tea Coffee**
- 9.15**            **Welcome & Conference Opening**  
Dr. Brian Nolan – Head of Informatics – ITB  
Dr. Mary Meaney – Director of ITB
- 9.30**            **Keynote: An ICT-Based View of the Celtic Tiger Period: What Next?"**  
*Prof. Fionn Murtagh - Director of Information & Communications  
Technology Directorate of SFI*
- 10.00**          **Session 1 – Trust & Security**  
Chaired by John Murphy, University College Dublin
- Trust Management In Online Social Networks  
*Bo Fu, Declan O'Sullivan*
- Irish Legislation regarding Computer Crime  
*Anthony Keane*
- Distributed Computing for Massively Multiplayer Online Games  
*Malachy O'Doherty, Jonathan Campbell*
- A Comparative Analysis of Steganographic Tools  
*Abbas Cheddad, Joan Condell, Kevin Curran, Paul McKeivitt*
- 11.30**          **Tea/Coffee**
- 12.00**          **Keynote: Digital Convergence - 3D Web / Virtual Worlds**  
*Chris Howard – Manager of the IBM Innovation Centre*
- 12.30**          **Session 2 – Computing Systems**  
Chaired by Matt Smith, Institute of Technology Blanchardstown
- A Review of Skin Detection Techniques for Objectionable Images  
*Wayne Kelly, Andrew Donnellan, Derek Molloy*
- Optical Reading and Playing of Sound Signals from Vinyl Records  
*Arnold Hensman*
- Optimisation and Control of IEEE 1500 Wrappers and User Defined  
TAMs  
*Michael Higgins, Ciaran MacNamee, Brendan Mullane*

- 13.30**            **Lunch**
- 14.30**            **Session 3 – Applications**  
Chaired by Stephen Sheridan, Institute of Technology Blanchardstown
- MemoryLane: An Intelligent Mobile Companion for Elderly Users  
*Sheila Mc Carthy, Paul Mc Kevitt, Mike McTear, Heather Sayers*
- Using Scaffolded Learning for Developing Higher Order Thinking Skills  
*Cristina Hava Muntean, John Lally*
- Electronic Monitoring of Nutritional Components  
*Zbigniew Fraczak, Gabriel-Miro Muntean, Kevin Collins*
- A Web2.0 & Multimedia solution for digital music  
*Helen Sheridan, Margaret Lonergan*
- 16.00**            **Tea/Coffee**
- 16.30**            **Session 4 – Algorithms**  
Chaired by Brian Nolan, Institute of Technology Blanchardstown
- Adaptive ItswTCM for High Speed Cable Networks  
*Mary Looney, Susan Rea, Oliver Gough, Dirk Pesch*
- Distributed and Tree-based Prefetching Scheme for Random Seek Support  
in P2P Streaming  
*Changqiao Xu, Enda Fallon, Paul Jacob, Yuansong Qiao, Austin Hanley*
- Parsing Student Text using Role and Reference Grammar  
*Elizabeth Guest*
- Parallel Distributed Neural Network Message Passing System in Java  
*Stephen Sheridan*
- 18.00**            **Session End**
- 19.30**            **Conference Dinner**

**Friday 26 October 2007**

**9.00**            **Tea/Coffee**

**9.30**            **Keynote**

*Brian Lee - Ericsson Research Centre, Athlone*

**10.00**          **Session 5a – Wired & Wireless**

Chaired by David Tracey, Salix

The Effects of Contention between stations on Video Streaming Applications over Wireless Local Area Networks- an experimental approach

*Nicola Cranley, Tanmoy Debnath, Mark Davis*

An Investigation of the Effect of Timeout Parameters on SCTP Performance

*Sheila Fallon, Paul Jacob, Yuansong Qiao, Enda Fallon*

Performance Analysis Of Multi-hop Networks

*Xiaoguang Li, Robert Stewart, Sean Murphy, Sumit Roy*

**11.00**          **Tea/Coffee**

**11.30**          **Session 5b – Wired & Wireless**

Chaired by Nick Timmons, Letterkenny Institute of Technology

EmNets - Embedded Networked Sensing

*Ken Murray, Dirk Pesch, Zheng Liu, Cormac Sreenan*

Dedicated Networking Solutions for Container Tracking System

*Daniel Rogoz, Fergus O'Reilly, Kieran Delaney*

Handover Strategies in Multi-homed Body Sensor Networks

*Yuansong Qiao, Xinyu Yan, Enda Fallon, Austin Hanley*

**12.30**          **Lunch**

**14.00**          **Doctoral Symposium**

Chaired by Declan O'Sullivan, Trinity College Dublin

Hierarchical Policy-Based Autonomic Replication

*Cormac Doherty, Neil Hurley*

Sensemaking for Topic Comprehension

*Brendan Ryder, Terry Anderson*

A Pedagogical-based Framework for the Delivery of Educational Material to Ubiquitous Devices

*Caoimhin O'Nuallain, Sam Redfern*

**16.00**          **End of Conference**