

8th IT&T Conference Programme

Thursday 23rd October 2008

Programme

8.30 Registrations

8.30 Tea Coffee

9.15 Welcome
Phelim Murnion, ITT2008 Chair

9.30 Guest Speaker
Dave Northey
Microsoft Ireland
Virtualisation

10.00 Session 1: Ubiquitous and Distributed Computing
Chaired by: John Healy, Galway Mayo Institute of Technology

A SIP Based Application Layer Multi-homed Implementation
Adomas Sutkevicius, Enda Fallon , Yuansong Qiao

Agent-Based Network Intrusion Detection
Darren Firtzpatrick, Hai Ying Luan, Darragh O'Brien

Logical IP Networks with MANTICORE and FEDERICA 21
Dave Wilson, Victor Reijs, Eduard Grasa, Xavier Hesselbach, Sergi Figuerola

11.00 Tea/Coffee

11.30 Session 2: Applied Computing
Chaired by: Sean Duignan, Galway Mayo Institute of Technology

Forensics Analysis of a Honeypot
Stephen Meyer, Anthony Keane

Life-long learning and learner autonomy: the reasons to develop e-PEL
Antonio Álvarez, Ana Pitarch, Joan Monferrer

A Model for IM and Media Driven Communication Services
Leigh Griffin, Eamonn de Leastar

On Points Geometry for Fast Digital Image Segmentation
Abbas Cheddad, Joan Condell, Kevin Curran, Paul Mc Kevitt

- 13.00** **Lunch**
- 14.00** Keynote: DERI
Semantic Web
- 14.30** **Session 3: Web 2.0 and Semantic Web**
Chaired by: Phelim Murnion, Galway Mayo Institute of Technology
- Trust Management in Online Social Networks
Cian Malone, Declan O'Sullivan
- User-centric Interests Manager (UcIM)
Yijun Ying, Dominic Hugh Jones, Declan O'Sullivan
- Representational State Transfer as a Real Time Communications
Mechanism
Keith Griffin, Colin Flanagan
- FluArch – An engineering Web framework for reusable templates and data
Muhammad Sohaib Aslam, Donna Griffin, Dirk Pesch
- 16.00** **Tea/Coffee**
- 16.30** **Session 4: Speech, Language & Vision Processing**
Chaired by: Dr. Anthony Keane, Institute of Technology Blanchardstown
- Implementing Arabic-to-English machine translation using the Role and
Reference Grammar linguistic model
Yasser Salem, Arnold Hensman, Brian Nolan
- Tagging of Text with Emotion for Emotional Speech Synthesis
Pawan Goyal, Vipul Arora, Laxmidhar Behera, T.M. McGinnity
- Using a Lightweight Multimedia Content Model for Semantic annotation
Smitashree Choudhury, John Breslin
- 18.00** **Session End**
- 19.30** **Conference Dinner**

Friday 24th October 2008

Programme

9.00 Tea/Coffee

9.30 Session 5a: Wired & Wireless

Chaired by: David Tracey, Salix

An Investigation of the Correlation between Passive Monitoring and Active Probing Techniques Used in WLAN Mesh Networks
Chenzhe Zhang, Karol Kowalik, Mark Davis

QoS Support for Video Transmission in Wireless Mesh Networks
Weibin Sun, Wanqing Tu, Cormac J. Sreenan

Effects of Line Rate on Video QoS over Wireless Networks – an experimental approach
Stuart Wallace, Mark Davis

Evalvid-SCTP: Trace Driven Simulation of MPEG-4 Video Transmission over SCTP Network
Changqiao Xu, Yuansong Qiao, Enda Fallon, Gabriel-Miro Muntean, Xiaoguang Li

11.00 Tea/Coffee

11.30 Session 5b: Wired & Wireless

Chaired by: Nick Timmons, Letterkenny Institute of Technology

Study of AODV Routing in Multi-channel Multi-interface Wireless Mesh Network
Xiaoguang Li, Robert Stewart, Changqiao Xu, Sean Murphy, Enda Fallon

B.A.T.M.A.N.: A Wireless Mesh Network Survey
Brian Marsden

Investigation of Across-layer Modification to the DSR Routing Protocol in Wireless Mesh Networks
Mustafa Ramadhan, Mark Davis

12.30 Lunch

14.00 Session 6: Doctoral Symposium

Chaired by: Declan O’Sullivan, Trinity College Dublin

The Annotation of Traditional Irish Dance Music using MATT2 and
TANSEY

*Bryan Duggan, Brendan O’Shea, Mikel Gainza, Padraig Cunningham
Cormac*

“Steganoflage” - A Novel Approach to Image Steganography

Abbas Cheddad, Joan Condell, Kevin Curran and Paul Mc Kevitt

Optimisation of Multicast Routing in Wireless Mesh Networks

Brian Keegan

16.00 End of Conference