

# IT&T 2014 Session Programme

8<sup>th</sup> and 9<sup>th</sup> May 2014, Room S208/S206/S209, School of Electronic Engineering,  
Dublin City University, Dublin, Ireland

## Day 1

**Keynote 1: Maria Moloney, "Internet of Things: Implications for the Postal Industry and Electronic Government",  
9:30-10:30, 8<sup>th</sup> May 2014, S206/S209**

**Session 1: Knowledge Discovery,  
session chair: Jennifer McManis, 10:45-12:30, 8<sup>th</sup> May 2014, room S206/S209**

Time	Paper ID	Paper Title
10:45-11:05	65	Text Mining on Software Patents
11:05-11:25	66	Sentiment Versus Polarity within Tokens and Sentences
11:25-11:45	75	Automated Detection of Cyberbullying
11:45-12:05	74	Measuring and Utilising Diversity in Ensemble Machine Learning Algorithms
12:05-12:30	76	Comparison of Video Game Classification Schemes Utilising Web Mining Techniques

**Session 2: Data Analysis  
session chair: Brian Lee, 13:30-14:50, 8<sup>th</sup> May 2014, room S206/S209**

Time	Paper ID	Paper Title
13:30-13:50	68	Big Data or Small Data, A Telecommunications Scenario
13:50-14:10	71	Pattern Discovery from Hybrid-based Events in Heterogeneous Networks
14:10-14:30	72	Telecom Network Performance Analysis Using Big Data Technologies
14:30-14:50	79	An Artificial Neural Network Based Approach to Improve Building Energy Efficiency

**Session 3: Technical Poster Session  
session chair: Declan O'Sullivan, 15:15-16:15, 8<sup>th</sup> May 2014, room S208**

Time	Paper ID	Paper Title
15:15-15:35	70	PHANS - A Network Selection Algorithm Based on the Probability of End User Predicted Movement
15:35-15:55	81	On the Use of k-NN in Intrusion Detection for Industrial Control Systems
15:55-16:15	83	Has Mobile Technology Affected our Critical Thinking Skills?

**Session 4: Research in Progress Pitch  
session chair: TBA, 16:15-17:00, 8<sup>th</sup> May 2014, room S208**

**Doctoral Consortium  
session chair: Nick Timmons, 15:15-17:00, 8<sup>th</sup> May 2014, room S206/S209**

Time	Thesis ID	Thesis Title
15:15-16:05	Thesis 1	"Energy-aware Rich Media Delivery for Heterogeneous Networks"
16:10-17:00	Thesis 2	"Olfaction-enhanced Mulsemedia Assessment"

## Day 2

**Keynote 2: Thorsten Dahm, "The Internet of Everything and (your) Responsibility", 9:30-10:30, 9<sup>th</sup> May 2014, S206/S209**

### Session 5: ICT in Education

**session chair: Ciaran O'Driscoll, 10:00-10:45, 9<sup>th</sup> May 2014, S206/S209**

Time	Paper ID	Paper Title
10:00-10:20	67	Comparing Game Based Learning, using a student created game, to Traditional Classroom Methods
10:20-10:40	73	Practice Testing - Enhancing Student Learning with E-Assessment

### Session 6: Green Computing

**session chair: Hugh Melvin, 10:45-11:30, 9<sup>th</sup> May 2014, S206/S209**

10:40-11:00	80	ChargeFlow - A workflow based solution to chargeback processing
11:00-11:20	69	Dynamic Adjustment of the Monitoring Interval to Increase Identification of Power Consumption Opportunities in Virtualized Data Centers

### Session 7: Wireless and Mobile Networks

**session chair: Xiaojun Wang 11:45-12:35, 9<sup>th</sup> May 2014, S206/S209**

Time	Paper ID	Paper Title
11:35-11:55	77	Mitigating the Effects of Degraded Network Performance Metrics on RTP-based Video Streaming using a Neural Network Based Handover Approach
11:55-12:15	78	Perceptron Based Load Balancing Algorithm Using Antenna Orientation
12:15-12:35	84	Microstrip Line Fed Patch Antenna suitable for WBAN Applications