8th Annual Graduate Research Symposium

Monday 11 December 2017

Gleeson Hall – DIT Kevin Street

11.30 – 12.00  Registration

12.00 – 12.55  Poster Exhibition and Lunch

12.55 – 13.00  Welcome to the 8th Annual Graduate Research Symposium
               Professor Mary McNamara, Head of the Graduate Research School

13.00 – 14.00  Research Theme: Environment, Energy and Health
               Chair: Professor Mary McNamara, Head of the Graduate Research School

Andrea Doyle, Dublin Institute of Technology
Gamification of Ultrasound Training for Prostate Brachytherapy using Physical Simulator Devices

Gianni Goretti, Dublin Institute of Technology
Evaluation of Wind Energy Forecasts: the Overlooked Importance of Data Cleaning

Tadhg O’Leary, Dublin Institute of Technology
Development of Mechanism based Chemo-Sensitisation strategies to Enhance Anti-Cancer effects of Metal Based Drugs

14.00 – 14.40  Research Theme: Society, Culture & Enterprise
               Chair: Professor Brian O’Neill, Director of Research, Enterprise & Innovation Services

Jade Kim, Dublin Institute of Technology
The Influence of Social Media on the Identity Construction Process in Cross-Domain Identity Transitions – Coming Out as Transgender on Social Media in Ireland

Cliodhna Pierce, Dublin Institute of Technology
A discursive comparison on the models of surveillance in East Germany and Northern Ireland and examining their relevance to the contemporary securitisation of society.
14.40 – 15.00 Coffee Break

15.00 – 16.00 Research Theme: Information, Communications and Media Technologies
Chair: Dr. Noel Fitzpatrick, Head of Research, College of Arts & Tourism

Robert Smith, IT Blanchardstown
Exploring the relationship between depicting verbs, constructed actions and non-manual features in Irish Sign Language

Carolina De Pasquale, Dublin Institute of Technology
Depression Diagnosis and Treatment Through Speech (DDaTTS)

Hao Chen, Dublin Institute of Technology
Harnessing the power of text mining for the detection of abusive content in social media

16.00 – 17.00 Research Theme: New Materials & Devices
Chair: Dr. Marek Rebow, Head of Research, College of Engineering & Built Environment

Akash Sharma, Dublin Institute of Technology
In vitro comparative cytotoxicity study of Aminated Polystyrene, Zinc Oxide and Silver nanoparticles on cervical cancer cell line.

Emma Brennan, Dublin Institute of Technology
Miniaturised solid state sensors containing ionic liquids for environmental analysis.

Emma MacHugh, Dublin Institute of Technology
Development of Hybrid Sol-Gel Microfluidic Devices for Medical Diagnostic Applications.

17.00 Prize Giving and Close by Professor Brian O’Neill, Director of Research, Enterprise & Innovation Services

Mince Pie Reception 🥳