Report of President 2010/2011

School of Computer Science & Informatics

Books

Professor Patrick Nixon


Book Chapters

Dr Neil Hurley


Professor Joao Marques-Silva


Dr Michael O'Mahony


Dr Gianluca Pollastri

C. Mooney, Y. Wang, G.Pollastri (2011) 'De Novo Protein Subcellular Localization Prediction by N-to-1 Neural Networks' In: *Computational Intelligence Methods for Bioinformatics and Biostatistics*. :- Springer.


Professor Barry Smyth

Barry Smyth and Maurice Coyle and Peter Briggs (2011) 'Communities, Collaboration, and

Dr Tony Veale


Books Edited

Dr Mel Ó Cinnéide


Peer Reviewed Journals

Dr Chris Bleakley


**Dr Fred Cummins**


**Professor Pádraig Cunningham**


**Dr Mauro Dragone**


**Mr Erik Hemberg**


**Dr Alexey Lastovetsky**


**Dr Eleni Mangina**


**Professor Joao Marques-Silva**


Dr Michael O'Neill


Dr Gianluca Pollastri

C. Mooney, Y. Wang, G.Pollastri (2011) 'SCLpred: Protein Subcellular Localization Prediction by N-to-I Neural Networks'. *Bioinformatics*.


Professor Barry Smyth

Barry Smyth and Jill Freyne and Peter Briggs and Maurice Coyle (2011) 'Recommendation as Collaboration in Web Search'. *AI Magazine (Special Issue on The Future of Recommender Systems: Research and Applications)*, 32 (3).

John Riedl and Barry Smyth (2011) 'Introduction to special issue on recommender systems'. *TWEB*, 5 (1).


Mr Barry Twomey

Dr Tony Veale


Conference Publications

Dr Félix Balado Pumarino


Professor Julie Berndsen


Ogbureke, K., Cahill, P., Carson-Berndsen, J. (2010) Hidden Markov Models with Context-

**Dr Chris Bleakley**

Ballal, T., Saad, M.M., and Bleakley, C.J. (2011) Design and Implementation of an Indoor Ultrasonic Communication System 22nd IET Irish Signals and Systems Conference (ISSC), Dublin, Ireland,


**Dr Peter Cahill**


**Ms Adriana-Elena Chis**

Adriana E. Chis, Nick Mitchell, Edith Schonberg, Gary Sevitsky, Patrick O'Sullivan, Trevor Parsons, John Murphy. (2011) Patterns of Memory Inefficiency European Conference on Object-Oriented Programming (ECOOP),

**Dr Scott Cotton**

Scott Cotton (2010) Natural Domain SMT: A Preliminary Assessment The 8th International Conference on Formal Modeling and Analysis of Timed Systems,

**Dr Fred Cummins**

Cummins, Fred (2010) Coordination, not control, is central to movement Proceedings of COST 2102, Caserta, IT.


Professor Pádraig Cunningham


Dr Mauro Dragone

Mauro Dragone, Thomas Holz, Antonella Sassu, Gregory M.P. O'Hare (2010) Evaluating Social & Ubiquitous Human-Robot Interaction The 7th International Conference on Ubiquitous Robots and Ambient Intelligence, Bexco, Busan, Korea.

Dr Pavel Gladyshev

Gladyshev, P. and Almansoori, A. (2010) Reliable Acquisition of RAM dumps from Intel-based Apple Mac computers over FireWire Second International Conference on Digital Forensics and Cyber Crime,

**Dr Derek Greene**


**Dr Martin Harrigan**


**Dr Neil Hurley**


**Professor Mark Keane**

Professor Mohand Kechadi


Dr Alexey Lastovetsky


**Professor Joao Marques-Silva**


**Dr Lorraine McGinty**


**Professor Liam Murphy**

C. Thorpe, S. Murphy, L. Murphy (2011) IEEE802.11k Enabled Adaptive Carrier Sense Management Mechanism (KAPCS2). *12th IFIP/IEEE International Symposium on Integrated Network Management (IM 2011)*, Dublin, Ireland,


**Dr Michael O'Neill**


14th European Conference on Genetic Programming (EuroGP 2011), Torino, Italy, 286 - 297


Dr Gianluca Pollastri

G.Tradigo, P.Veltri, G.Pollastri (2011) Machine Learning approaches for Contact Map prediction in the CASP9 experiment SEBD 2011, Maratea (Italy),

Dr Michael Salter-Townshend


Dr Mel Ó Cinnéide

Gerard Quilty, Mel Ó Cinnéide (2011) Experiences with Software Product Line Development in Risk Management Software Software Product Line Conference (SPLC'2011), Munich,


Other Publications

**Dr Michael O'Neill**

