Recent Publications - Research Institutes and Centres

BY MEMBERS OF THE STAFF AND BY RESEARCH STUDENTS WORKING UNDER THEIR SUPERVISION

The publications information has been derived from the College’s Research Support System. Every effort has been made to ensure that the information is accurate and complete. Please notify the Research Support Systems Administrator (email: rssadmin@tcd.ie) of any errors or omissions which will be corrected in next year’s Calendar.

ADAPT Centre For Digital Content Technology


‘Capturing and measuring thematic relatedness’, Language Resources and Evaluation, 54, 3 (2020), 645-682 [M. Kacmajor, J.D. Kelleher]

‘Local alignment of frame of reference assignment in English and Swedish dialogue’, Lecture notes in computer science (including subseries lecture notes in artificial intelligence and lecture notes in bioinformatics), 12162 LNAI (2020), 251-267 [S. Dobnik, J.D. Kelleher, C. Howes]


‘F-measure optimisation and label regularisation for energy-based neural dialogue state tracking models’, Lecture notes in computer science (including subseries lecture notes in artificial intelligence and lecture notes in bioinformatics), 12397 LNCS (2020), 798-810 [A.D. Trinh, R.J. Ross, J.D. Kelleher]

‘Mutual information decay curves and hyper-parameter grid search design for recurrent neural architectures’, Communications in Computer and Information Science, 1333 (2020), 616-624 [A. Mahalunkar, J.D. and Kelleher]


‘Language model co-occurrence linking for interleaved activity discovery’, Lecture notes in computer science (including subseries lecture notes in artificial intelligence and lecture notes in bioinformatics), 12081 LNCS (2020), 70-84 [E. Rogers, J.D. Kelleher, R.J. Ross]


‘On the inability of Markov models to capture criticality in human mobility’, Lecture notes in computer science (including subseries lecture notes in artificial intelligence and lecture notes in bioinformatics), 11729 LNCS (2019), 484-497 [V. Kulkarni, A. Mahalunkar, B. Garbinato, J.D. Kelleher]
Recent publications – Research Institutes and Centres


'Common semantic model of the GDPR register of processing activities', Legal knowledge and information systems, 33rd international conference on legal knowledge and information systems, online, IOS Press (2020), 251-254 [P. Ryan, H.J. Pandit, R. Brennan]


'A classification of biases relating to the production, dissemination and consumption of news', CHI 2020 workshop on detection and design for cognitive biases in people and computing systems, Honolulu, Hawaii, USA (2020), http://hdl.handle.net/2262/92760 [B. Spillane, V. Wade]

'Issues relating to trust in care agents for the elderly', Conversational User Interfaces, Dublin Ireland, ACM (2019), 1-3 [B. Spillane, E. Gilmartin, C. Saam, V. Wade]
Recent publications – Research Institutes and Centres

'Pilot data collection survey and analytical techniques for persuasion engineering systems', *DiGo-Dialgo for Good-workshop on speech and language technology serving society*, Stockholm, Sweden (2019), http://hdl.handle.net/2262/92450 [A. Braca, B. Spillane, V Wade, P. Dondio]


Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)


CONNECT


Recent publications – Research Institutes and Centres


'Simulating fog and edge computing scenarios: an overview and research challenges', *Future Internet*, 11, 3 (2019), 55 [S. Svorobej, P.T. Endo, M. Bendechache, C. Filelis-Papadopoulos, K. Giannoutakis, G. Gravvanis, D. Tzovaras, J. Byrne, T. Lynn]

Centre for Academic Practice (CAPSL)

**Hamill, David**, 'Enhancing digital teaching skills in higher education: using pedagogy over technology in professional development', *14th annual international technology, education and development conference*, eds L. Gómez Chova, A. López Martínez, I. Candel Torres IATED Academy, Valencia, Spain, IATED Academy (2020), 8074-8079 [J. Byrne, D. Hamill, K. O'Connor]


Centre for Contemporary Irish History


"This cemetery is a treacherous place'. The appropriation of political, cultural and class ownership of Glasnevin cemetery, 1832 to 1909', *Studi Irlandesi. a Journal of Irish Studies*, 9 (2019), 251-270 [P. Callan]

CHARM-EU


Trinity College Institute of Neuroscience (TCIN)


Recent publications – Research Institutes and Centres


'Through the eyes of students: the satisfaction of remote indigenous boarding students' with a transition support service in Queensland, Australia', *Australian Journal of Indigenous Education* (2019), 1-12 [M. Redman-Maclaren, T. Benveniste, J. McCalman (…), I. Kinchin, R. Bainbridge]


'A rapid review of evidence to inform an ear, nose and throat service delivery model in remote Australia', *Rural and Remote Health*, 21, 1 (2021), 5611, [S.P. Jacups, I. Kinchin]


'Economic and epidemiological impact of youth suicide in countries with the highest human development index', *PLoS ONE* (2020), https://doi.org/10.1371/journal.pone.0232940 [C. Doran, I. Kinchin]

'Economics of mental health: providing a platform for efficient mental health policy', *Applied Health Economics and Health Policy*, 18 (2020), 143-145 [C. Doran, I. Kinchin]


'Greater occipital nerve stimulation boosts associative memory in older individuals: a randomized trial', *Neurorehabilitation and Neural Repair* (2020), 154596832094357 [A.M. Luckey, S.L. McLeod, I.H. Robertson, W.T. To, S. Vanneste]
Recent publications – Research Institutes and Centres


**Trinity Translational Medicine Institute (TTMI)**


'Preclinical development of Orally Inhaled Drugs (OIDs) - are animal models predictive or shall we move towards in vitro non-animal models?', *Animals: an Open Access Journal from MDPI*, 10, 8 (2020), http://hdl.handle.net/2262/95776 [D. Movia, A. Prina-Mello]


**Library**

*Dunne, Siobhan*, 'Improving the university library experience of students with intellectual disabilities: a case study from an Irish institution', *Disability and Society*, 35, 10 (2020), 1698-1704 [G. Fitzgerald, S. Dunne, N. Biddulph (...), D. Rourke, H. O' Callaghan]


'You are at rock bottom: a qualitative systematic review of the needs of bereaved parents as they journey through the death of their child to cancer', *Journal of Psychosocial Oncology* (2020), 1-21 [M. Kenny, S. Darcy-Bewick, A. Martin (...), J. Eustace-Cook et al.]


Recent publications – Research Institutes and Centres


'Parents and health professionals' experiences and perceptions of blended feeding in tube fed children - a qualitative systematic review protocol', *JBI Evidence Synthesis*, 18 (2021), 1-8 [C. Doyle, J. Louw, A. Shovlin, M. Flynn, J. Eustace-Cook, M. Quirke]

Gittins, Estelle, 'Performance archives in the library of Trinity College Dublin', *ARC magazine and records association*, 370 (2020), 28-30 [E. Gittins]


Sanchidrian, Monica, 'New analytical tools and frameworks to understand dementia: what can a human-rights lens offer?', *Ageing and Society* (2021), http://hdl.handle.net/2262/94466 [S. Cahill]


Recent publications – Research Institutes and Centres


'What do we mean by individual capacity strengthening for primary health care in low- and middle-income countries? A systematic scoping review to improve conceptual clarity', Human Resources for Health, 19, 1 (2021), 5 [M. Finn, B. Gilmore, G. Sheaf, F. Vallières]


Administrative, executive and other officers

O'Connor, Kevin, 'Enhancing digital teaching skills in higher education: using pedagogy over technology in professional development', 14th annual international technology, education and development conference, eds L. Gómez Chova, A. López Martínez, I. Candel Torres IATED Academy, Valencia, Spain, IATED Academy (2020), 8074-8079 [J. Byrne, D. Hamill, K. O'Connor]