Recent publications

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

The publications information has been derived solely 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.

Faculty of Arts and Humanities

School of Drama, Film and Music

Drama


Wilmer, Stephen, Humour and humanity: contemporary plays from Finland, Helsinki, Like (2006), 442 pp. [S.E. Wilmer and Pirkko Koski]

The dynamic world of Finnish theatre, Helsinki, Like (2006), 182 pp. [S.E. Wilmer and Pirkko Koski]

School of English


Delaney, Paul, ““Nobody now knows which …”: transition and piety in Daniel Corkery’s short fiction’, New Hibernia Review, 10, 1 (2006), 100-10


‘Privileged perspectives and subverted types: James Stephens’s “The demi-Gods”’, Portraying

Calendar 2007-08
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Irish travellers: histories and representations, eds Ciara Breathnach and Aoiife Bhreathnach, Newcastle, Cambridge Scholars’ Press (2007), 46-64


Hebblethwaite, Kate. “‘Eviling” the woman and taming the beast: fantasies of power through vivisection’, The wicked heart: studies in the phenomena of evil, eds Bill Myers and Sorcha Ni Fhlainn, Oxford, Inter-Disciplinary Press (2006), 157-70


‘Creating wildmen in one’s own image: maroons, Darwin and the question of humanity’, Treasure islands: studies in children’s literature, eds Celia Keenan and Mary Shine Thompson, Dublin, Four Courts Press (2005), 24-33


Review in Modern Language Review, 102, 2 (2007), 499-500


‘Becoming the patriarch: masculinity in Maria Edgeworth’s Ormond’, Opening the field: Irish women, texts and contexts, eds Patricia Boyle Haberstroh and Christine St Peter, Cork, Cork University Press (2007), 31-42


Calendar 2007-08
Recent publications


‘The eyes of memory’: the function of the illustrations in Dublin, Trinity College Library MS 505’, *Readers and writers of the prose Brut*, eds William Marx and Raluca Radulescu, *Trivium*, 36, University of Wales Lampeter (2006), 203-26


‘The unequal scales of love’: Andreas Capellanus’s *De Amore* and some later texts’, *Writings on love in the English Middle Ages*, ed. Helen Cooney, New York, Palgrave Macmillan (2006), 63-79


Tensioins in dispensational eschatology’, *Expecting the end: millennialism in social and historical context*, eds Kenneth Newport and Crawford Gribben, Baylor, TX, Baylor University Press (2006), 173-92

**CLASSICS**


‘Amphitheatres’ (43-5), ‘Carrara’ (166), ‘Circuses.buildings’ (200-01), ‘Concrete’ (227),
Recent publications


Huxley, G.L., ‘Centennial Greek elegiacs’, Annual of the British School at Athens, 100 (2005), v
‘Art, science, and unifying vision in classical archaeology’ (keynote address), Common ground, Proceedings of the xviith international congress of classical archaeology, 2003, Boston (Oxford, 2006), 1-6


HISTORY

Protestant war: the British of Ireland and the wars of the three kingdoms, Manchester University Press (2005), 261 pp.

Calendar 2007-08
Recent publications


Duffy, Seán, ‘“The western world’s tower of honour and dignity”: the career of Muirchertach Ua Briain in context’, Ireland and Europe in the twelfth century: reform and renewal, eds Damian Bracken and Dagmar Ó Riaín-Raedel, Dublin, Four Courts Press (2006), 56-73

Duffy, Seán, ‘“The western world’s tower of honour and dignity”: the career of Muirchertach Ua Briain in context’, Ireland and Europe in the twelfth century: reform and renewal, eds Damian Bracken and Dagmar Ó Riaín-Raedel, Dublin, Four Courts Press (2006), 56-73

‘Comparative colonialism, moral censorship, and governmentality’, Decentering Empire: imperial structures and globalization in the era of British imperialism, eds Dane Kennedy and Durba Ghosh, New Delhi, Orient Longman (2006), 213-42

X26

Calendar 2007-08


‘Women and the First Crusade’, Studies on medieval and early modern women, 4: victims or viragos?, eds C. Meek and C. Lawless, Dublin, Four Courts Press (2005), 57-68


‘War crimes’, Europe since 1914: encyclopedia of the age of war and reconstruction, eds John Merriman and Jay Winter, New York, Charles Scribner’s Sons (2006), 2671-81


‘“Ireland in his heart north and south”: the contribution of Ernest Blythe to the partition question’, Irish Historical Studies, 34, 137 (2006), 61-80

‘“We shall find a way through”: the Church of Ireland, state prayers and liturgical realities’, The clergy of the Church of Ireland, 1000-2000: messengers, watchmen and stewards, eds Toby Barnard and William Neely, Dublin, Four Courts Press (2006), 199-212


‘Intelligence and Anglo-Irish relations, 1922-1973’, Intelligence, statecraft and international
Recent publications


‘The Irish experience of insurgency and counter-insurgency since 1919’, *An art in itself: the theory and conduct of small wars and insurgencies*, eds Peter Dennis and Jeffrey Grey, Canberra, Australian History Military Publications (2006), 53-72


‘The “old” British histories?’, *Historical Journal*, 50, 2 (2007), 1-14

‘Seventeenth-century Ireland and Scotland and their wider worlds’, *Irish communities in early modern Europe*, eds Thomas O’Connor and Mary Ann Lyons, Dublin, Four Courts (2006), 457-83


Research students

**Harding, Timothy**, ‘Ireland’s queen of chess: Frideswide Rowland and her world’, *History Studies*, 6 (2005), 48-63

**Rigney, Peter**, ‘Arigna coal mines and the emergency’, *Breifne*, x, 41 (2005), 290-93


HISTORY OF ART


X28

Calendar 2007-08
Recent publications


‘The end of the Middle Ages: Gothic survival in sixteenth century Connacht’, *Journal of the Royal Society of Antiquaries of Ireland*, 133 (2005), 5-23


CENTRE FOR GENDER AND WOMEN’S STUDIES

Redmond, Jennifer and Valiulis, Maryann, see under Centre for Gender and Women’s Studies on page X164

School of Languages, Literatures and Cultural Studies

FRENCH


‘Tracking the art of the project’, *The art of the project: projects and experiments in modern French culture*, eds Johnnie Gratton and Michael Sheringham, Oxford, Berghahn Books (2005), 1-30 [Johnnie Gratton and Michael Sheringham]


‘Échanges antiphonaires’, *Autre Sud* (juin 2006), 33, *Autour de Jean Malrieu*, 75-8


General editor, *Critical Guides to French Texts*, London, Grant & Cutler (volumes 140-141 appeared during year)


Review in *French Studies*, lx, 1 (January 2007), 108-09

Calendar 2007-08
Recent publications

**GERMANIC STUDIES**

Barkhoff, Jürgen, ‘Schiller on the threshold of modernity: introduction’, Germanistik in Ireland. Jahrbuch der/Yearbook of the Association of Third-Level Teachers of German in Ireland, special issue on Schiller – the threshold of modernity, 1 (2006), 5-8


**HISPANIC STUDIES**

Dixon, Victor, ‘Music in the later dramatic works of Antonio Buero Vallejo’, Bulletin of Spanish Studies, 82, 3-4 (2005), 567-88


**IRISH AND CELTIC LANGUAGES**


‘Máirtín mór Ó Cadhain: tríonóideach’, Blainiris 6, eds Ruairí Ó hUiginn and Liam Mac Cóil, Ráth Cairn, Carbad (2006), 9-42


X30 Calendar 2007-08
Recent publications

Uhlich, Jürgen, ‘Some textual problems in Rónán’s lament I: two quatrains concerning Echaid’s daughter (Fingal Rónán lines 180-7)’, Ériu, 56 (2006), 13-62

ITALIAN


‘Double tribute to Irish poetry – to Samuel Beckett, the poet of silence, to Patrick Kavanagh, Gentle tiger’, NAE (special issue on Ireland, ed. Giuliana Adamo, Cagliari, CUEC), v, 17 (Winter 2006), 57-63

Translation into English of ‘Sa tia de filare’, a Sardinian poem by ‘Montanaru’ (Antioco Casula), NAE (special issue on Ireland, ed. Giuliana Adamo, Cagliari, CUEC), v, 17 (Winter 2006), 92

Translation into Italian of ‘Póg’, ‘An bang leanmh’, two Irish poems by Pádraig Ó Snodaigh, NAE (special issue on Ireland, ed. Giuliana Adamo, Cagliari, CUEC), v, 17 (Winter 2006), 93


‘In memoria – Sláinte!’, Tratti, 34, Speciale Irlanda, Letteratura e musica dall’Irlanda, a cura di Andrea Fabbrini, Faenza, Tratti/Mobydick (Primavera 2007), 95-9


Guest, Clare, ‘Giulio Camillo’s theatre and decorum in mannerist decoration’, Ashes to ashes: art in Rome between humanism and maniera, eds R.T. Eriksen and V.P. Tschudi, Rome, Edizioni dell’Ateneo (2006), 159-75


‘Boccaccio could be better served’: Harry McWilliam and translation criticism’, Italian culture: interactions, transpositions, translations, eds C. Ó Cuilleanáin, C. Salvadori and J. Scattergood, Dublin, Four Courts Press (2006), 45-68


School of Linguistic, Speech and Communication Sciences

Recent publications


CENTRE FOR LANGUAGE AND COMMUNICATION STUDIES


Little, David, ‘Language learner autonomy: some fundamental considerations revisited’, Innovation in Language Learning and Teaching, 1, 1 (2007), 14-29


‘Developing a spoken corpus and a synthesiser for Irish (Gaelic)’, Proceedings of the 5th SALTMIL workshop on minority languages, Genoa, Italy (2006), 4 pp. [J. Wogan, B. Ó Ragghallaigh, A. Ni Bhriain, E. Zoerner, H. Berthelsen, A. Ni Chasaide and C. Gobl]


X32 Calendar 2007-08
Recent publications


‘Gaelic revivals (Ireland and Scotland)’, Europe since 1914: encyclopedia of the age of war and reconstruction, volume 3, eds J. Merriman and J. Winter, Detroit, Charles Scribner’s Sons (2006), 1160-63


O’Rourke, Breffni, ‘The problem of data in L2 computer mediated communication research’, Investigating and facilitating language learning, eds Markus Koetter, Oliver Traxel and Stephan Gabel, Trier, Wissenschaftlicher Verlag (2006), 131-44


‘How integrated is the integrated mental lexicon?’, Second language lexical processes, eds Z. Lengyel and J. Navracsics, Clevedon, Multilingual Matters Ltd (2007), 10-29


CENTRE FOR DEAF STUDIES


School of Religions, Theology and Ecumenics

RELANGIONS AND THEOLOGY

Biggar, Nigel, ‘Suicide is not a remedy for pain’, Crucible (January-March 2006), 3-5


‘Irish clergy in the high and late Middle Ages’, The clergy of the Church of Ireland, 1000-2000: messengers, watchmen and stewards, eds T.G. Barnard and W.G. Neely, Dublin, Four Courts Press (2006), 6-43

IRISH SCHOOL OF ECUMENICS (TRINITY COLLEGE DUBLIN)


Review in Milltown Studies, 1, 57 (2006), 118-21


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1Title to be agreed.
Recent publications

‘Social ethics in Western Europe’, Theological Studies, 68, 1 (2007), 154-71
‘Gender and culture as dimensions of bodiliness’, Bodiliness and human dignity, an intercultural approach, ed. Harm Goris, Münster-Berlin, LIT Verlag (2006), 45-61 [Linda Hogan and John D’Arcy May]

May, John, ‘Social ethics in Western Europe’, Theological Studies, 68 (2007), 154-71 [Linda Hogan and John D’Arcy May]
‘Interreligious studies in the university: help or hindrance to peace?’, Cultivating wisdom, harvesting peace, eds Toh Swee-hin and Virginia Cavaga, Brisbane, Multi-Faith Centre, Griffith University (2006), 291-8

Pierce, Andrew, ‘Eucharist and the search for unity’, Search, 30, 1 (2007), 3-14
‘Churches and theology in a century of revolution and reaction’, Two thousand years of Christianity and Ireland, eds John R. Bartlett and Stuart D. Kinsella, Dublin, Columba (2006), 155-67

Smyth, Geraldine, Review in Milltown Studies, 57 (Summer 2007), 125-9


Faculty of Engineering and Systems Sciences
School of Computer Science and Statistics


Recent publications


‘A competitive neural model of small number detection’, *Neural Networks*, 19, 10 (2006), 1475-89 [Matthew Casey and Khurshid Ahmad]


‘Metaphors in the languages of science?’, *New trends in specialized discourse analysis (volume 4)*, eds Maurizio Gotti and Vijay Bhattachar, Bern, Peter Lang (2006), 197-220

‘The mood of the (financial) markets: in a corpus of words and of pictures’, *Corpus linguistics around the world*, eds Andrew Wilson, Dawn Archer and Paul Rayson, Amsterdam/New York,
Recent publications

Rodopi (2006), 18-32 [Khurshid Ahmad, David Cheng, Tugba Taskaya, Saif Ahmad, Lee Gillam, Pensiri Manomaisupat, Hayssam Traboulsi and Andrew Hippisley]
‘Citation patterns in Nobel prize lectures in economics’, Explorations in specialised genres, eds Vijay Bhatai and Maurizio Gotti, Bern, Peter Lang (2006), 101-13 [Khurshid Ahmad and Maria-Teresa Musacchio]


Cahill, Vinny, ‘Experiences deploying an ad-hoc network in an urban environment’, Proceedings of the IEEE ICPs workshop on multi-hop ad hoc networks: from theory to reality (REALMAN 05), 14 July, Santorini, Greece (2005), 101-08 [Peter Barron, Stefan Weber, Siobhan Clarke and Vinny Cahill]


Delay and disruption tolerant networking, Artech House (2006), 246 pp. [Stephen Farrell and Vinny Cahill]


‘Dynamic virtual worker nodes in a production grid’, Workshop on Xen in high-performance computing Sorrento, Italy (2006), 417-26 [Stephen Childs, Brian Coghlan and Jason McCandless]


Recent publications

Middleton, A. Wilson, X. Zhu, N. Podhorszki, B. Coghlan, S. Kenny, D. O’Callaghan and J. Ryan


‘SMG: shared memory for grids’, Parallel and distributed computing and systems (PDCS’04), November, Boston, 33, ACTA Press (2005), 129-36 [J.P. Ryan and B.A. Coghlan] [ISBN 3-00-017352-8]


‘Dynamic virtual worker nodes in a production grid’, Workshop on Xen in high-performance computing, Sorrento, Italy (2006), 417-26 [Stephen Childs, Brian Coghlan and Jason McCandless]


X38 Calendar 2007-08
Recent publications


‘A single-computer grid gateway using virtual machines’, 19th international conference on advanced information networking and applications (AINA’05), March, Taiwan, 1, IEEE (2005), 310-15 [S. Childs, B. Coghlan, D. O’Callaghan, G. Quigley and J. Walsh]


Conlan, Owen, ‘Architectural framework for the composition and delivery of adaptive educational support services’, Workshop on applying service oriented architectures to adaptive information systems (SOA-AIS) at the fourth international conference on adaptive hypermedia and adaptive web-based systems (AH2006), June, Dublin, Ireland, ed. O. Conlan (2006), 30-37 [P. Styne and O. Conlan]

‘A unified approach to adaptive hypermedia personalisation and adaptive service composition’, Fourth international conference on adaptive hypermedia and adaptive web based systems, 21-23
Recent publications


Recent publications


‘e-learning: not quite the last word in learning?’, Eleventh annual conference on innovation and technology in computer science education (ITiCSE 2006), 26-28 June, Bologna, Italy (2006), 5 pp. [C. O’Connor, A. Mullally, J.A. Redmond, D. Dolan, A. Parkinson and A. Jennings]


‘Representing events and discourse: comments on Hamm, Kamp and van Lambalgen’, Theoretical Linguistics, 32, 1 (2006), 57-64

‘Entailments in finite-state temporality’, Sixth international workshop on computational semantics, 12-14 January 2005, Tilburg, NL, eds Harry Bunt, Jeroen Goetzten and Elias Thije, Tilburg University (2005), 128-38 [Tim Fernando and Rowan Nairn]


Calendar 2007-08

X41
Recent publications


‘Low-cost microarchitectural techniques for enhancing the prediction of return addresses on high-performance trace cache processors’, *Proceedings of the 21st international symposium on computer and information sciences (IS CIS 06)*, November, Istanbul, Turkey (2006), 248-57 [Yunhe Shi, Emre Özêr and David Gregg]

‘Multiple-valued logic buses for reducing bus size, transitions and power in deep submicron technologies’, *Proceedings of the advanced networking and communications hardware workshop (ANCHOR 2005)*, June, Madison, Wisconsin (2005), 36-44 [Emre Özêr, Resit Sendag and David Gregg]

‘FPGA implementation of adaptive filters based on GS FAP using log arithmetic’, *Proceedings of the 2006 IEEE workshop on signal processing systems design and implementation (SIPS 06)*, October, Banff, Canada (2006), 342-7 [Milan Tichy, Jan Schier and David Gregg]

‘High performance scientific computing using FPGAs with IEEE floating point and logarithmic arithmetic for lattice QCD’, *Proceedings of the 16th international conference on field programmable logic and applications (FPL 06)*, Madrid, Spain (2006), 29-34 [Owen Callanan, David Gregg, Andy Nisbet and Mike Peardon]


‘Fast and flexible instruction selection with on-demand tree-parsing automata’, *ACM SIGPLAN 2006 conference on programming language design and implementation*, June, Ottawa, Canada, ACM (2006), 52-60 [Anton Ertl, Kevin Casey and David Gregg]


‘Techniques for dynamic adaptation of mobile services’, *The handbook of mobile middleware*, eds
Recent publications

Paolo Bellavista and Antonio Corradi, New York, Auerbach Publications (2007), 363-84 [John Keeney, Vinny Cahill and Mads Haahr]


‘Incentivising students to pursue computer science programmes’, *Proceedings of the frontiers in education 36th annual conference*, 28-31 October 2006, San Diego, California, Institute of Electrical and Electronics Engineers (2006), S4C-3–S4C-8 [Meriel Huggard and Ciaran McGoldrick]

‘Practical positioning projects: location based services in the laboratory’, *Proceedings of the frontiers in education 35th annual conference*, 19-22 October 2005, Indianapolis, Indiana, Institute of Electrical and Electronics Engineers (2005), S3F-1–S3F-6 [Meriel Huggard and Ciaran McGoldrick]


Jennings, Kevin, ‘From peering in the window to opening the door – a constructivist approach to making electroacoustic music accessible to young listeners’, *Organised Sound*, 2, 2 (2006), 179-87 [A.M. Higgens and K. Jennings]


Recent publications


‘Techniques for dynamic adaptation of mobile services’, *The handbook of mobile middleware*, eds Paolo Bellavista and Antonio Corradi, New York, Auerbach Publications (2007), 363-84 [John Keeney, Vinny Cahill and Mads Haahr]


*Luz, Saturnino*, ‘Multidisciplinary medical team meetings: an analysis of collaborative working with special attention to timing and teleconferencing’, *Computer Supported Cooperative Work (CSCW)*, 15, 5-6 (2006), 501-35 [Bridget Kane and Saturnino Luz]
Recent publications


‘Using an analysis of vocalisation to determine the effect of teleconferencing on a group discussion’, *ACM conference on computer supported cooperative work (CSCW’06)*, Banff, Alberta, Canada, eds Karrie Karahalios and Julie Rennecker (2006), 189-90 [Bridget Kane and Saturnino Luz]


Recent publications


‘Incentivising students to pursue computer science programmes’, Proceedings of the frontiers in education 36th annual conference, 28-31 October 2006, San Diego, California, Institute of Electrical and Electronics Engineers (2006), S4C-3–S4C-8 [Meriel Huggard and Ciaran McGoldrick]


X46 Calendar 2007-08
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‘e-learning: not quite the last word in learning?’, Eleventh annual conference on innovation and technology in computer science education (ITiCSE 2006), 26-28 June, Bologna, Italy (2006), 5 pp. [C. O’Connor, A. Mullally, J.A. Redmond, D. Dolan, A. Parkinson and A. Jennings]


O’Sullivan, Carol, ‘Predicting and evaluating saliency for simplified polygonal models’, ACM Transactions on Applied Perception, 2, 3 (2005), 286-308 [Sarah Howlett, John Hamill and Carol O’Sullivan]
‘Geopostors: a real-time geometry/impostor crowd rendering system’, ACM Transactions on Graphics, 24, 3 (2005), 933 [Simon Dobbyn, John Hamill, Keith O’Conor and Carol O’Sullivan]
‘Collisions and attention’, ACM Transactions on Applied Perception, 2, 3 (2005), 309-21
‘Harnessing the human visual system for image based modeling: an interaction system’, Eurographics short papers proceedings, September 2006, Vienna, Austria (2006), 57-60 [Yann Morvan and Carol O’Sullivan]
‘Efficient collision detection for spherical blend skinning’, Proceedings of the 4th international
Recent publications


‘Understanding as we roam’, IEEE Internet Computing, 11, 2 (2007), 26-33 [D. O’Sullivan, V. Wade and D. Lewis]


‘Trust meta-policies for flexible and dynamic policy based trust management’, 7th IEEE

X48

Calendar 2007-08
Recent publications


*e-learning: not quite the last word in learning?*, *Eleventh annual conference on innovation and technology in computer science education (ITiCSE 2006)*, 26-28 June, Bologna, Italy (2006), 5 pp. [C. O’Connor, A. Mullally, J.A. Redmond, D. Dolan, A. Parkinson and A. Jennings]


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‘Experiences deploying an ad-hoc network in an urban environment’, Proceedings of the IEEE ICPS workshop on multi-hop ad hoc networks: from theory to reality (REALMAN 05), 14 July, Santorini, Greece (2005), 101-08 [Peter Barron, Stefan Weber, Siobhan Clarke and Vinny Cahill]

‘Trust evolution policies for security in collaborative ad hoc applications’, 1st international
Recent publications

workshop on security and trust management (STM 2005), 15 September, Milan, Italy (2005), 95-111 [Elizbeth Gray, Christian Jensen, Paul O'Connell, Stefan Weber, Jean-Marc Seigneur and Chen Yong]


‘Classification of tenderness of large cooked beef joints using wavelet and Gabor textural features’, Transactions of the ASAE, 49 (2006), 1447-54 [Chaoxin Zheng, Da-Wen Sun and Liyun Zheng]


‘Recent developments and applications of image features for food quality evaluation and inspection – a review’, Trends in Food Science and Technology, 17 (2006), 642-55 [Chaoxin Zheng, Da-Wen Sun and Liyun Zheng]


Research students

Brady, Aoife, see Wade, Vincent
Brennan, Ross, see Manzke, Michael
Farrell, Stephen, see Cahill, Vinny
Feeney, Kevin, see Keeney, John, Lewis, David and O’Sullivan, Declan
Hampson, Cormac, see Lewis, David
O’Keeffe, Ian B., see Conlan, Owen
Power, Ruaidhri S., see Keeney, John, Lewis, David and O’Sullivan, Declan

STATISTICS


‘Tracing the eclectic (or maybe even chaotic) nature of ICT evaluation’, 13th European conference on IT evaluation, 27-29 July 2006, Genoa, Italy, ed. Dan Remenyi (2006), 41-51 [F. Bannister, E. Berghout, P. Griffiths and D. Remenyi]

Calendar 2007-08
Recent publications


‘The end of the ICT disaster: maybe, but haven’t we heard this before’, Aspectos e Contribuiçoes Do Uso de Tecnologia de Infomacuo, eds Alberto Luiz Albertin and Rosa Maria de Moura Albertin, Sao Paulo, Atlas (2006), 90-97 [D. Remenyi, P. Griffiths and F. Bannister]


Walsh, Cathal, ‘Impact of beta interferon on disability progression, a Bayesian analysis’, Multiple Sclerosis, 12 (2006), 195-6 [K.E.T. O’Rourke, C.D. Walsh and M. Hutchinson]


X52

Calendar 2007-08
Recent publications


Research students


Gormley, Isobel, see Murphy, Brendan

Salter-Townshend, Michael, see Haslett, John

School of Engineering

CIVIL, STRUCTURAL AND ENVIRONMENTAL ENGINEERING


‘Nonlinear oscillations of vehicle tyres with Hertzian spring contact’, *Journal of Aerospace Engineering*, 20 (2007), 72-4

‘Transfer function of a SFOF structure on a bilinear hysteretic soil medium’, *Indian geotechnical conference*, Chennai, India, 2006, 4 [Pranesh Chatterjee and Biswajit Basu]


‘Simulation of joint wind and wave loading time histories’, *Irish signals and systems conference*, Dublin (2006), 120, CD ROM [S. Colwell and B. Basu]
Recent publications


‘Exposure to hydrocarbon concentrations while commuting or exercising in Dublin’, *Environment International*, 33 (2007), 1-8 [R.T. O’Donoghue, L.W. Gill, R.J. McKevitt and B.M. Broderick]

‘Effects of the smoking ban on benzene and 1, 3 butadiene levels in pubs in Dublin’, *Journal of Environmental Science and Health Part A: Toxic/Hazardous Substances and Environmental Engineering*, 41, 5 (2006), 799-810 [A. McNabola, B.M. Broderick, P.M. Johnston and L.W. Gill]


‘The gap in sub-clause 20.7 of the 1999 FIDIC contracts for major works’, *International Construction Law Review*, 22, part 3 (July 2005), 272-83

‘The 1999 FIDIC contracts for major works – what improvements do they offer with reference to the standard forms in the Gulf and what problems do they create’, *Proceedings of the international conference on arbitration and ADR, in the construction industry*, 13-14 November 2005, Dubai, Dubai International Arbitration Centre (2005), 1-12


‘Dispute boards – do’s and don’t’s’, *Construction Law International*, 1, 3 (2006), 10-14


‘Some applications of geotechnical research in infrastructural development’, *3rd national symposium on bridge and infrastructure research in Ireland*, Trinity College, Dublin (2006), 377-84


‘Experimental and numerical investigation of idling car exposure’, *2nd IASTED international conference on environmental modelling and simulation (EMS-2006)*, 29 November-1 December, St Thomas, US Virgin Islands (2006), CD ROM [A. McNabola and L.W. Gill]


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An investigation into the performance of subsoils and stratified sand filters for the treatment of wastewater from on-site systems, Wexford, Environmental Protection Agency (2005), 51 pp. [ISBN 1-84095-154-0] [L.W. Gill, C. O’Súilleabáin, P.J. Johnston and B.D.R. Misstear]


Calendar 2007-08
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‘Fatigue analysis of railway bridges’, Bridge and infrastructure research in Ireland symposium, October 2006, Dublin (2006), 1-10 [Dermot O’Dwyer and Ronan Gallagher]

O’Kelly, Brendan, ‘Compression and consolidation anisotropy of some soft soils’, Geotechnical and Geological Engineering, 24, 6 (2006), 1715-28


‘Response to cash outs for work place parking and work place parking charges’, Transport Policy, 13, 6 (2006), 503-10 [P. Watters, M. O’Mahony and B. Caulfield]


Orr, Trevor, ‘Progress towards harmonised geotechnical design in Europe, foundation analysis and design’, American Society of Civil Engineers, Geotechnical Special, Reston, Virginia, USA, 153 (2006), 59-66


‘Harmonization of geotechnical with structural design codes in Europe’, Proceedings of the ACECC workshop on harmonization of design codes in the Asian region, Taipei, Taiwan Asian Civil Engineering Coordinating Council (2006), 109-19

‘A parametric study of backfill trench for reduction of TBM induced ground vibrations’, Proceedings of the thirteenth international congress on sound and vibration (ICSV13), 2-6 July
Recent publications


‘A comparative study of the moisture transfer properties and durability of PC and GGBS mortars’, International conference on concrete platform, Queen’s University, Belfast, eds M i. Russell and P.A. Muhammed Basheer (2007), 468-78 [E. Condren and S. Pavía]

‘Repair mortars for masonry bridges’, 3rd national symposium on bridge and infrastructure research in Ireland, eds N.A. Ni Nuallain, A. O’Connor and K. Gavin (2006), 183-90


‘On the existence of competitions among information service providers and toll road operators’, 9th international IEEE conference on intelligent transportation systems (ITSC’06), 17-20 September, Toronto (2006), 885-90


ELECTRONIC AND ELECTRICAL ENGINEERING


‘Determination of the parameters of the skin-electrode impedance model for ECG measurement’, Calendar 2007-08

X57
Recent publications


Calderwood, J.H., ‘The mystery of the missing joules’, IEEE Transactions on Dielectrics and Electrical Insulation (Festschrift in honour of Professor John Lewis), 12, 4 (2005), 682-9

‘Dielectrics in high fields’, Herbert Fröhlich, FRS (Festschrift in honour of Professor Herbert Fröhlich), eds G.J. Hyland and P. Rowlands, University of Liverpool (2006), 7-32

‘The role of quasi-free dipoles in polar liquid behavior’, IEEE Transactions on Dielectrics and Electrical Insulation, 13, 3 (2006), 456-61


Recent publications


Calendar 2007-08
Recent publications


‘Extension of the photonic band gaps in one-dimensional photonic crystals’, *Optics and Spectroscopy*, 101 (2006), 791-6 [T.S. Perova and V.A. Tolmachev]
Recent publications


‘Experimental verification of photonic band gap extension for disordered 1D photonic crystal based on Si’, Optics Communications, 259 (2006), 104-06 [V.A. Tolmachev, T.S. Perova, E.V. Astrova, J.A. Pilyugina and R.A. Moore]


Quinn, Anthony, ‘Bayesian inference of optimal lymphoscintigraphic sampling times’, IFMBE proceedings EMBEC’05, 3rd European medical and biological engineering conference, 20-25 November, Prague, Czech Republic, eds Peter Kneppo and Jiri Hozman, 11, 1, International Federation for Medical and Biological Engineering (2005), 3255-9 [Senan Doyle, Anthony Quinn and Petr Gebousky]


‘The orientational order and the dynamics of the dendritic liquid crystal organo-siloxane
Recent publications

Recent publications


Research students

Doyle, Senan, see Quinn, Anthony

Mac Oireachtaigh, C., see Fannin, Paul

Mulligan, B.P., see Coffey, William

MECHANICAL AND MANUFACTURING ENGINEERING


Recent publications


‘A Trinity of eponymous Irish surgeons: I – Abraham Colles (1773-1843) and Colles’ fracture of the radius (1814)’, *University of Pennsylvania Orthopaedic Journal*, 18 (2006), 95-8

‘A Trinity of eponymous Irish surgeons: II – Robert William Smith (1807-1873) and Smith’s fracture of the radius (1847)’, *University of Pennsylvania Orthopaedic Journal*, 18 (2006), 89-91

‘A Trinity of eponymous Irish surgeons: III – Edward Hallaran Bennett (1837-1907) and Bennett’s fracture-dislocation of the first metacarpal (1882)’, *University of Pennsylvania Orthopaedic Journal*, 18 (2006), 92-4


Calendar 2007-08
Recent publications

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X74

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X94 Calendar 2007-08
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X96
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Calendar 2007-08 X101
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X102

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Recent publications


Calendar 2007-08  X103
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X104

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X106

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X162

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**Administrative staff**

