

PhD and MPhil Theses

Year	Surname	Forename	Title	Supervisor
2018	Alharbi	Zahyah	Analytics and Information Management in Higher Education	Dr Beatriz de la Iglesia
2018	Bostrom	Aaron George	Shapelet Transforms for Univariate and Multivariate Time Series Classification	Dr Tony Bagnall
2018	Greenwood	David	Predicting Head Pose from Speech	Dr Barry-John Theobald / Dr Stephen Laycock / Prof Andy Day
2018	Hayes	Alex E	New Techniques in Derivative Domain Image Fusion and their Applications	Prof Graham Finlayson
2018	Khatib	Sultan M A AL	A Comparative Study of the Relative Performance and Real-World Suitability of Optimization Approaches for Human Resource Allocation	
2018	Powell	Christopher	Mutual Illumination Photometric Stereo	Prof Graham Finlayson
2018	Saeed	Awat Abdulla	Empirical Evaluation of Semi-Supervised Naïve Bayes for Active Learning	Dr Gavin Cawley
2018	Shen	Yuming	Deep Binary Representation Learning for Single / Cross-Modal Data Retrieval	Dr Ling Shao
2018	Thangthai	Ausdang	Visual Speech Synthesis using Visemes and Deep Learning Architectures	Dr Ben Milner
2018	Thangthai	Kwanchiva	Computer Lipreading Via Hybrid Deep Neural Network Hidden Markov Models	Prof Richard Harvey
2018	Zhou	Yi	Deep Visual Feature Learning for Vehicle Detection, Recognition and Re-identification	Dr Ling Shao
2017	Almajed	Abdulaziz I	Information Technology Project Success in Saudi Arabian Public Organisations: Chief Information Officers' Perceptions	Dr Pam Mayhew
2017	Alqurashi	Tahani Muqbil	Clustering Ensemble Method	Dr Wenjia Wang
2017	Audinis	Vilius	Computer-based Simulation of the Effects of Instrumental Delivery on the Fetal Head	Dr Rudy Lapeer
2017	Bakbergenuly	Ilyas	Transformation Bias in Mixed Effects Models of Meta-Analysis	Prof Elena Kulinskaya
2017	Luca	Bogdan-Alexandru	Identification of Biomarkers for the Management of Human Prostate Cancer (Confidential until June 2019)	Prof Vincent Moulton
2017	Gerikhanov	Zelimkhan	Simulating the Cardinal Movements of Childbirth Using Finite Element Analysis on the Graphics Processing Unit	Dr Rudy Lapeer
2017	Gitsels	Lisanne Andra	Cardiovascular Disease and its Impact on Longevity and Longevity Improvement	Prof Elena Kulinskaya
2017	Kato	Akihiro	Hidden Markov Model-Based Speech Enhancement	Dr Ben Milner
2017	Ryalat	Mohammad Hashe	Automatic Reconstruction of Immobilisation Masks for use in Radiotherapy Treatment of Head-and-Neck Cancer	Dr Mark Fisher
2017	Zakizadeh	Roshanak	Re-evaluation of Illuminant Estimation Algorithms in Terms of Reproduction Results and Failure Cases	Prof Graham Finlayson
2016	Alhadreti	Obead	Thinking About Thinking Aloud: An Investigation of Think-Aloud Methods in Usability Testing	Dr Pam Mayhew
2016	Alrobaea	Roobaea Salim	Generating a Domain-Specific Inspection Method Through an Adaptive Framework	Dr Pam Mayhew
2016	Alsalemi	Hussein A	Developing an IT Tool for Improving Workforce Motivation and Capabilities: An Empirical Case Study With Reference to Qatar	Dr Pam Mayhew
2016	Althobaiti	Maha Mohammed	Assessing Usable Security of Multifactor Authentication	Dr Pam Mayhew
2016	Cutting	David	Enhancing Legacy Software System Analysis by Combining Behavioural and Semantic Information Sources	Dr Joost Noppen
2016	Dolfin	Luca Penso	Genome Reconstruction and Combinatoric Analyses of Rearrangement Evolution	Dr Chris Greenman
2016	Farrash	Majed	Machine Learning Ensemble Method for Discovering Knowledge from Big Data	Dr Wenjia Wang
2016	Khan	Faheem	Audio-Visual Speaker Separation	Dr Ben Milner
2016	Le Cornu	Thomas Lee	Reconstruction of Intelligible Audio Speech from Visual Speech Information	Dr Ben Milner
2016	Mann	Nathan	Aviva Specialist Lines Travel Insurance-Improving the Pricing Strategy (Confidential until tbc?????)	Dr Chris Greenman
2016	Mojahed	Aalaa	An Integrated Clustering Analysis Framework for Heterogeneous Data	Dr Beatriz de la Iglesia
2016	Pericleous	Paraskevi	Parametric Joint Modelling for Longitudinal and Survival Data	Prof Elena Kulinskaya
2015	Alqahtani	Mohammed A	A Framework of Mobile Transaction Use: The User's Perspective	Dr Pam Mayhew
2015	Beckers	Matthew Lloyd	Quality Checking and Expression Analysis of High-Throughput Small RNA Sequencing Data (CONFIDENTIAL until October 2016)	Prof Vincent Moulton
2015	DeMarco	Andrea	Acoustic Approaches to Gender and Accent Identification	Prof Stephen Cox
2015	Howell	Dominic Liam	Confusion Modelling For Lip Reading	Dr Ben Milner
2015	Harris	Michael D C	Crowd-Sourced Data and its Applications for New Algorithms in Photographic Imaging	Prof Graham Finlayson, Prof Barry Theobald
2015	Iakovou	Georgious	Simulating Molecular Docking with Haptics	Dr Stephen Laycock
2015	Lines	Jason Andrew	Time Series Classification through Transformation and Ensembles	Dr Tony Bagnall
2015	Mace	Alexander Ross	Modelling the Formation of Ordered Acentrosomal Microtubule Arrays	Dr Wenjia Wang
2015	Oldman	James William	Constructing Phylogenetic Networks Based on Trinets (Confidential until 01/10/2016)	Prof Vincent Moulton
2015	Page	Charlotte	Free Surface Flows Over Submerged Obstructions	Dr Emilian Părău
2015	Popescu	Andrei-Alin	Novel Algorithms and Methodology to Help Unravel Secrets that Next Generation Sequencing Data Can Tell	Dr Katharina Huber
2015	Shaw	Felix	Expressive Modulation of Neutral Visual Speech	Dr Barry Theobald
2015	Zhang	Lei	Retinal Vessel Segmentation Using Textons	Dr Mark Fisher
2014	Asque	Trevor Asque	Augmenting User Interfaces with Haptic Feedback	
2014	Bettencourt-Silva	Joao H	From Data to Knowledge in Secondary Health Care Databases	Beatriz de la Iglesia

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Year	Surname	Forename	Title	Supervisor
2014	Folkes	Leighton	Computational Analysis of Small RNAs and the RNA Degradome with Application to Plant Water Stress (Confidential 20.11.14-20.11.15)	Vincent Moulton
2014	Hills	Jonathan F F	Mining Time - Series Data Using Discriminative Subsequences	Wenjia Wang
2014	Kettleborough	George	New Algorithms and Methodology for Analysing Distances (Confidential until April 2018)	Dr Katharina Huber
2014	Kirkland	Oliver Andrew	Multi-Objective Evolutionary Algorithms for Data Clustering	Beatriz de la Iglesia
2014	Lynch	Stuart Ellis	Estimating Varying Illuminant Colours in Images	
2014	Reynolds	Daniel	Real-time Rendering and Simulation of Trees and Snow	Andy Day
2014	Rookyard	C.G.	Modelling and Image Processing of Microtubule Dynamics and Organisation	
2014	Taylor	Daniel	Classification of Protein Domain Movements Using Dynamic Contact Graphs	Steven Hayward
2013	Bastkowski	Sarah	From Trees to Networks and Back (CONFIDENTIAL for 1 year until 5th June 2015)	
2013	Davis	Luke M	Predictive Modelling of Bone Ageing	Tony Bagnall
2013	Harding	Philip J	Model-Based Speech Enhancement	
2013	Krebs	Matthias	Auslander-Reiten theory in functorially finite resolving subcategories	
2013	Taylor	Sarah L	Discovering Dynamic Visemes (Confidential 02.05.13-03.05.18)	Barry Theobald
2013	Toseland	Andrew	Computational Analysis of Eukaryotic Metatranscriptomes from Diverse Marine Environments (Confidential 20.05.14-21.05.15)	Vincent Moulton
2012	Harrison	Richard J P	Machine Learning Methods for Discriminating Natural Targets in Seabed Imagery (Confidential 01.01.13-02.01.16 ie 36 months from January 2013)	Wenjia Wang
2012	Majeeni	A O AL	Evaluating Information Technology Adoption for Business Transformation in Public Sector Institutions in the Sultanate of Oman	
2012	Mohorianu	Il	Deciphering the Regulatory Mechanisms of small RNAs in plants	
2012	Molnos	M R L	Supplementing Frequency Domain Interpolation Methods For Character	Andy Day
2012	Suchecki	Radoslaw	New Algorithms and Distance Measures for Multilabeled Trees and Phylogenetic Networks	
2012	Yi	Hong-Yan	The Construction and Exploitation of Attribute-Value Taxonomies in Data Mining	
2011	Alshamari	MA	Task formulation in usability testing	
2011	Habib	M	Semi-automatic construction of dense shape and appearance models	
2011	Jenkins	Marie-Claire	Designing service-oriented chatbot systems using a construction grammar-driven natural language generation system	
2011	Lister	Wayne Daniel	Real-Time Rendering of Animated Crowd Scenes	
2011	Montagna	Roberto	Path based computations in colour image processing	
2011	Newman	Jacob L	Language identification using visual features	
2011	Shah	Said Khalid	Non-rigid Medical Image Registration using points, curves, and parameterised surfaces	
2011	Smith	Lindsey	Sediment transport in Seas around Britain. (Confidential 09.11-09.14)	
2011	Younsi	R	Investigating randomised sphere covers in supervised learning	
2011	Zhou	J	A Multi-Dimensional Exploration of Global Software Outsourcing Projects in The U.K's Financial Services Sector (Confidential - 25.06.11-25.06.13) Written Permission required from author.	
2010	Al Shaqsi	JD	A novel clustering algorithm with a new similarity measure and ensemble methods for mixed data clustering	
2010	Andersen	Casper	New results in colour characterisation of humans and cameras	
2010	Asque	C	Haptic feedback systems for disabled computer users	
2010	Avondo	JJH	Display and analysis of optical projection tomography images	
2010	Bougioukos	Konstantinos	Topological properties of gene regulatory networks with qualitatively different gene expression dynamics in spatially organised systems	
2010	Dorgham	Osama	High speed 2D / 3D medical image registration	
2010	Gonzalez Garcia	Gerardo	Optimised calibration, registration and tracking for image enhanced surgical navigation in ENT operations	
2010	Leggett	Richard	Computational Approaches for the Analysis and Modelling of Filament as Growth and Branching of Streptomyces Coelicolor	
2010	Li	Qiao	Data mining and statistical techniques applied to genetic epidemiology	
2010	Liu	Yu	Haptic rendering algorithms for drilling into volume data	
2010	Nguyen	BT	Novel Split-Based Approaches to Computing Phylogenetic Diversity and Planar Split Networks	
2010	Pakseresht	Nima	An in silico investigation into Nitrogen fixation	
2010	Saadi	K	Efficient regularisation of Least-Squares Kernel machines	
2010	Stocks	M.B.	Interacting with Biomolecules Using Haptic Feedback (Confidential - 12.05.11-12.05.12) Written Permission required from author.	
2010	Watkins	CJ	An integrated approach to speech recognition using phrase-based units	
2009	Almajai	A	Audio visual speech enhancement	

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Year	Surname	Forename	Title	Supervisor
2009	Caballero	SO	Error modelling techniques to improved automatic recognition of dysarthric speech	
2009	Guile	GD	Boosting ensemble techniques for microarray data analysis	
2009	Haciomeroglu	M	Populating virtual urban environments with crowds of pedestrians in real-time	
2009	Lott	MS	New methods for constructing phylogenetic networks from multi-labelled trees	
2009	Lyons	S	Extraction and summarisation of units of information from web text	
2009	Nguyen	Quynh H	Using Metaheuristics In feature Construction and Clustering	
2009	Strasser	J	Quantifying the three-dimensional shape of developing plant organs	
2009	Wu	Qiong	Phylogenetic networks: new constructions and applications	
2008	AlShitri	Khalid Ibrahim	Quality management implementation in IS/IT departments in Saudi Arabian private organisations	Pam Mayhew
2008	Burton Guillen	JA	Applying multiscale morphology methods to image coding and compression	
2008	Darch	JJ	Robust acoustic speech feature production from Mel frequency cepstral coefficients	
2008	Gasson	PD	A finite element model of human skull for surgical simulation	
2008	Jefferson	LA	Computer Accessibility for Colour-blind People	
2008	Moxon	SJ	Computational classification of small RNAs and their targets	
2008	Pastrama Palma	A	Feature extraction, correspondence regions and image retrieval using structured images	
2008	Perez Torres	JR	Image retrieval using semantic trees	
2008	Saad	Fathi Hassan	A cluster classification method for the extraction of knowledge from text documents	
2008	Soldar	G	Description and retrieval of scientific data resources	
2008	West	K	Novel techniques for audio music classification and search	
2007	Chen	MS	Calibration and registration of an image enhanced surgical navigation system for endoscopic sinus surgery	
2007	Lan	Y	Recognition using morphological scale space trees	
2007	Liu	Ruiting	Signal processing improvement to Fourier Transform Infrared technology	
2007	Mackiewicz	Michal	Computer-assisted Wireless Capsule Endoscopy Video Analysis	
2007	Madera Ramirez	FA	Hybrid bounding volume hierarchy algorithms for collision detection between deformable objects	
2007	Minh	TTH	Approaches to XML schema matching	
2007	Pearce	D	Optimised rendering of geometrically complex natural virtual environments	
2007	Phillips	Michelle	Identifying profitable RAC motor insurance customers	
2007	Poornam	GP	Methods for analysis of domain movements in multimeric proteins and biosupramolecules	
2007	Read	IH	Approaches to prosody prediction for text-to-speech synthesis	
2007	Rowland	RS	Fast Registration of Medical Imaging Data using Optimised Radial Basis Functions	
2007	Snow	Catherine	Molecular simulations of adenylate kinase: implications for the hinge and shear mechanism	
2007	Toft	IE	Adaptive bidding agents for single seller and continuous double auctions	
2007	Trezzi	E	Minkowski l_p norms in estimating the scene illuminant	
2007	Wang	B	Contour based shape description and analysis for sharp retrieval and classification	
2006	Abanumy	Abdulmohsen N	Dereveloping a Framework for Assessing Quality of e-Government Websites of Saudi Ministries	Pam Mayhew
2006	Al-Solbi	Ali Nasser	Evaluating and Improving E-Readiness Assessment Methods and Tools	
2006	Bian	Shun	Data mining ensemble hierarchy diversity and accuracy	Wenjia Wang
2006	Fredembach	C	Estimating, detecting and removing illumination in images	
2006	Huang	Xu	Comparison, implementation and evaluation of morphological scale-space image trees	
2006	Hooper	Emmanuel	The Development and Testing of an Efficient Data Mining Framework for Intrusion Detection	
2006	James	A	Improving distributed speech recognition in packet loss	
2006	Kutalik	Z	Modelling bacterial growth at population and single cell level	
2006	Li	Ming	Sequence and Text Classification: Features and Classifiers	
2006	Manley-Cooke	P	Handwritten character recognition using a multi-classifier neuro-fuzzy framework	
2006	Mapleson	DL	Post-grammatical processing for discourse segmentation	
2006	Mendiola-Anda	G	Design of surfaces under physical constraints and its application to the design of ophthalmic lenses	
2006	Paul	JF	Digital image colour correction	
2006	Peck	AMW	Real-time procedural animation for the upper limb	
2006	Qi	Guoying	A comprehensive and non redundant database of protein domain movements	
2006	Ryder	Greg DG	Real-time crowd rendering	
2006	Singh	Hai	Three dimensional segmentation of the lung airway tree using information theory	
2006	Southam	Paul	Texture analysis with the sieve	
2006	Verity-Harrison	A	Applications of Metaheuristics in Defence and Logistics	
2006	Zhu	Yanong	Automatic prostate cancer segmentation and cancer staging using MRI	
2005	Al-Badi	Ali Nasser	A Framework for Designing Usable Localised Websites	Pam Mayhew

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2005	Al-Maliki	SGYA	IT / IS evaluation in private organisations in the Kingdom of Saudi Arabia	
2005	Huang	Q	Speech and language processing for intelligent call routing	
2005	Lambert	T	Databases for concentrative text-to-speech synthesis systems - unit selection and knowledge-based approach	
2005	Laycock	RG	Automatic reconstruction of urban models for virtual environments	
2005	Laycock	SD	The Haptic rendering of tools in a virtual environment	
2005	Li	Hai	Scheduling algorithms for a multiprocessor DSP platform	
2005	Ling	Ma	Acoustic Environments as a Source of Context Information	Dr Dan Smith
2005	Merrick	PJ	A requirements pattern based approach to improvements in government IT procurement	
2005	Shao	Xu	Robust algorithms for speech reconstruction on mobile devices	
2005	Zatuchna	Zhanna V	Agent P: a learning classifier system with associative perception in maze environments	
2004	Alsam	A	Optimising spectral calibration	
2004	Burgess	M	Transformation Techniques in Data Mining	
2004	Dionisio	NMF	Nominal taxonomies and word sense disambiguation	
2004	Gibson	SE	Sieves for image retrieval	
2004	Gill	Abdul Aziz	The use of stratified sampling to improve the performance of classification trees	
2004	Hanna	AI	A class of novel algorithms for adaptive filtering and image restoration	
2004	Hindmarsh	D	Modelling of the automotive pass-by noise test using transmission line matrix technologies	
2004	Horowitz	DM	Aspects of the human factors and psychophysics of speech recognition and audition in rehabilitation engineering and clinical medicine	
2004	Maki	JA	Some metaheuristics for the graph bisection and the multiconstraint knapsack problems	
2004	Philpott	MS	Convoy routing under uncertainty	
2004	Schaefer	G	A combined physical and statistical approach to computational colour constancy	
2004	Zhu	D	Reconstruction of X-ray diffraction and confocal images using interactive deconvolution techniques	
2003	Alghobiri	MA	IS implementation and the role of senior executives in its processes in Saudi Arabian organisations	
2003	Al-Harbi	S	Clustering in metric spaces	
2003	Al-Sindi	T	Investigation into the success of information systems development in the banking sector in the Kingdom of Bahrain	
2003	Blot	L	Texture analysis and synthesis: applications in mammography	
2003	Ciravega	FA	User-defined information extraction from texts	
2003	Palmer	AS	Adaptive image restoration algorithms using intelligent techniques	
2003	Reynolds	AP	Novel methods for constructing solutions to scheduling problems	
2003	Rolland-Lagan	A-G	Quantitative analysis of petal morphology in antirrhinum majus: an interdisciplinary approach	
2003	Theobald	B-J	Visual speech synthesis using shape and appearance models	
2003	Wesselink	JJ	Pattern discovery in biomolecular sequences: a case study in yeast	
2003	Xu	R	New results in colour normalisation	
2002	Al-Turki	S	Coordination and concurrency in workflow management systems	
2002	Berens	J	Image indexing using compressed colour histograms	
2002	Hougs	R	Practical and efficient techniques for irradiance estimation in difficult lighting conditions	
2002	Marti	R	Image registration applied to multi-modality mammography	
2002	Morovic	P	Metamer sets	
2002	Richards	G	The discovery of association rules from tabular databases comprising nominal and ordinal attributes	
2002	Ritch	M	Improving speaker adaptation accuracy using confidence measures	
2002	Whittle	IM	Tabu search - revisited	
2001	Barake	MA	Probe: a meta-heuristic for combinatorial optimisation problems	
2001	de la Iglesia	B	The development and application of heuristic techniques for the data mining task of nugget discovery	
2001	Howard	CM	Tools and techniques for knowledge discovery	
2001	Jupp	D	The viability of an ITS for word processing in education and commerce	
2001	Long	S	Computer-based assessment of authentic word processing skills	
2001	Moravec	KLC	Scale trees for stereo vision	
2001	Quick	R	An analysis of the use of general methods to assess the difficulty of function optimization for genetic algorithms	
2001	Ryan	M	Hybrid genetic algorithms for real world combinatorial optimization problems	
2001	Sukhahuta	R	Information extraction system for Thai documents	
2000	Bagnall	AJ	Modelling the UK market in electricity generation with autonomous adaptive agents	
2000	Bosson	A	Experiments with scale-space vision systems	
2000	Impey	SJ	Non-linear image processing techniques and their application to the analysis of antirrhinum petal shape development	

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Year	Surname	Forename	Title	Supervisor
2000	Jones	MS	An object-oriented framework for the implementaton of search techniques	Prof VJ Rayward-Smith/ Dr Geof McKeown
2000	King	JR	New applications of fuzzy logic	
2000	Lee	JH	A new computational model, OOGRS and it's implementation	
1999	Barrow	PDM	Investigating stakeholder evaluation within rapid application development	
1999	Howes	AT	Visual simulation of falling water and plunge pools	
1999	Hudson	D	Restoration of confocal images using bayesian and blind deconvolution methods	
1999	James	A	Binary space partitioning for accelerated hidden surface removal and rendering of static environments	
1999	Lincoln	M	Characterisation of speakers for improved automatic speech recognition	
1999	Quick	R J	An Analysis of Function Optimization Difficulty for Evolutionary Algorithms	Professor Vic Rayward-Smith
1998	Chardaire	P	Facility location optimization and cooperative games (thesis on website http://www2.cmp.uea.ac.uk/~pc/phd.html)	
1998	Cox	SJ	Techniques for rapid speaker adaptation in speech recognition	
1998	Evans	G	Using IP branch and bound as a case study to assess the potential of a workstation cluster as viable computational resource	
1998	Linford	PW	The application of signal processing techniques to leak detection and location in water pipes	
1998	Matthews	I	Features for Audio-Visual Speech recognition	
1998	Tattersall	GD	Neural networks and generalisation	
1998	Wade	ASC	Developments of the simulated annealing algorithm	
1997	Culligan	AJ	The electromagnetic fields from a two-wire transmission line	
1997	Debuse	JCW	Exploitation of modern heuristic techniques within a commercial data mining environment	
1997	Hagyard	DMP	Novel and efficient algorithms for morphological image processing	
1997	Marshall	I	Hardware synthesis from an internal temporal logic	
1997	Pye	CJ	Multiscale non-linear analysis of images with application to object recognition	
1997	Waring	NC	Learning and interaction in the repeated prisoner's dilemma	
1996	Chakrabarti	A	Transmission line matrix modelling for semiconductor transport	
1996	Chichlowski	KO	Modelling & recognition of continuous & symbolic data using artificial neural networks	
1996	Da Silva	JC	Querying mutple databaes which have unknown schemas	
1996	Hughes	RG	The development and use of vibrotatile mice in visualisation	
1996	Kapsalis	A	Genetic algorithms: sequential and parallel implementations and case studies	
1996	Kenny	C	TLM and finite-difference. An algebraic comparison	
1996	Lee	RA	3D non-linear image restoration algorithms	
1996	Nath	A	A Comparison of Branch and Bound and Genetic Algorithms for Two-Stage Warehouse Location Problems	Dr Pierre Chardaire
1996	Szczesniak	R	Public Key Cryptography	Dr Geoff McKeown
1996	Tutt	DM	The visual simulation of combustion phenomena	
1995	Andrews	Peter G	The Assignment Auction Algorithm and its Implementations Under P V M	
1995	Fabris	AE	Robust Anti-aliasing of Curves	Prof A Robin Forrest
1995	Harrison	SA	Finding Linkages in Near-Planar Graphs	
1995	Hook	NK	A formal framework in VDM for the specification of parallel discrete event simulation	
1995	Lee	YN	Sequential and parallel solutions of the convoy movement problem using brand and bound and heuristic hybrid techniques	
1995	Martins	WS	Algorithm performance on a general purpose parallel computer	
1995	Minghim	R	On sound support for visualisation (+ video)	
1995	Simiakakis	G	Accelerating ray tracing with directional subdivision and parallel processing	
1995	Thompson	HE	Aspects of software process assessment and improvement	
1994	Bell	SG	Towards an eclectic approach to IS development: lessons from the application of multiview in two developing countries	
1994	Byun	S	The simulation of term rewriting systems by the Lambda Calculus	
1994	Marlow	KA	Structured methodology for implementation of DSP algorithms on multiple processors	
1994	Milner	B	Speech recognition in adverse environments	
1994	Newton	HR	TLM models of deformation and their application to vitreous chinaware during firing	
1993	Balian	Aram	A semantic object-oriented shell for the relational model	
1993	Booth	AE	A methodology for the development of embedded knowledge based procedures	
1993	Cabral Jr	E.F.	Exploring Time Variability in Representations of Speech	
1993	Cheung	K-Y	Signal processing for sonar image enhancement	

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1993	Chishti	FH	Finite element based thermal analysis: sequential and parallel methods	
1993	Conner	PN	Hidden Markov models with improved duration and observation structures	
1993	McBurney	DL	Experiments with a virtual tree architecture	
1993	Monat	AS	Exceptional values in relational databases	
1993	Omar	AA	Topics in cryptography	
1993	Peterson	JWM	Computer aided investigation of ancient cadastres	
1993	Revitt	AP	Aspects of functional programming applied to scientific computing	
1993	Rocha	AV	An intelligent interface to menu driven information systems	
1993	Sixsmith	MJ	Exploratory studies in the use of n-tuples for speech recognition	
1993	Soulos	A	TLM and inverse modelling in thermal diffusion problems	
1992	Campos	MLM	A data modelling architecture for integrated schema and data	
1992	Harvey	RW	Passive synthetic aperture sonar	
1992	Machaeridis	A	Parallel Orthogonal Matrix Decomposition	Dr Geoff McKeown
1992	Rush	SA	Implementation of parallel branch & bound on a network of transputers	
1992	Willison	PA	Transmission line matrix modelling of underwater acoustic propagation	
1991	French	AP	Specification transformation techniques with applications to operations research	
1991	Lee	GE	Multi-modal prediction & modelling using artificial neural networks	
1991	Nicholls	WS	An investigation into the design of an asynchronous temporal logic for use in digital systems design	
1991	Reynolds	GJ	Configurable graphics systems: modelling & specification	
1991	Stanford-Clark	AJ	Parallel paradigms & their implementation	
1990	Day	AMW	The serial & parallel implementation of geometric algorithms	
1990	Elliott	R	Some issues in the design of digital circuits using occam and temporal logic	
1990	Searjeant	RM	Sequential and Parallel Dynamic Programming	Dr Geoff McKeown
1990	Selamat	MHB	Prototyping and end user computing: Alternative approaches to developing information systems in Malaysia	
1990	Theodoulidis	CI	A declarative specification language for temporal database applications	
1990	Turpin	HJ	The branch & bound paradigm	
1989	Chalmers	MJ	Realism & design techniques for multiprocessor graphics systems	
1989	Maguire	PT	Integrated computer aided design software acoustic transducers	
1989	Papadopoulos	GA	Parallel implementation of concurrent logic languages using graph rewriting techniques	
1988	Clare	Aram	Evaluating declarative programming	
1988	Flynn	Donal J	Examination and enhancement of conceptual schema languages	
1988-89	Hammond	K	Implementing functional languages for parallel machines	
1988	Hao	QY	Performance of occam programs	
1988	Inameti	EE	Thermal studies of thin film fuses	
1987	Episkopou	D	The theory and practice of information systems methodologies	
1987	Lee	Chew San	Effective teaching and the use of computers in accounting education	
1987	Mayhew	PJ	Investigation of information systems prototyping	
1986	da Silva Borges	MR	A flexible mechanism for concurrency control in database systems	
1986	de Souza	JM	Software tools for conceptual schema integration	
1986	Flynn	Donal J	Examination and enhancement of conceptual schema languages	
1984	Akinyokun	OC	A methodology for the automatic design of database systems	
1984	Al-Hamdani	WAK	Computer architecture description and algorithms	
1984	Joy	MS	On the efficient implementation of combinators as an object code functional programs	
1984	Laender	AHF	A framework for the definition and manipulation of database views by end users	
1984	Nasri	AHF	Polyhedral subdivision methods for free-form surfaces	
1984	Norris-Sherborn	A	A functional approach to user interfaces for a spatial database	
1983	Geisow	AD	Surface interrogations	
1983	Peng	QS	Volume modelling for sculptured objects	
1983	Rosario	LM	Electrophysiological and ultra-violet irradiation studies on the pancreatic beta-cells from normal and diabetic genetic background mice	
1983	Saha	AB	A set oriented abstract conceptual scheme based on logic	
1983	Salih	AHM	An approach to the implementation of incomplete databases	
1982	Earl	DJ	From sketch to solid: Pictorially aided techniques for converting collections of lines into planar faced volumes	
1982	Palmer	TR	Sculptured surfaces in volume modelling systems	
1982	Rolph	RN	The artificial engineer	

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Year	Surname	Forename	Title	Supervisor
1981	Eftekhari	G	Schottky Barriers and MOS structure on InP	
1980	Short	KW	Data type interfaces in ad hoc decision support systems	
1980	Talia	NY	An implementation of an assembler on a distributed computing system	
1979	Armitage	DW	Design and evaluation of a hybrid communications system simulator	
1976	Burton	FW	Computer processing of points, curves and regions	
1976	Kollias	JG	The design of database management systems using linear programming techniques	
1975	Lings	BJ	Programming language facilities for processing structured data in a computer	
1974	Hood	KL	An investigation of problems arising from syntax oriented restructuring of data	
1973	Dearnley	PA	Self organising data management systems	

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