

About the Contributors

Arthur Tatnall is an Associate Professor in the Graduate School of Business at Victoria University in Melbourne, Australia. He has Bachelor's degrees in Science and Education, a Master of Arts and a postgraduate diploma in Computer Science. In his PhD he used actor-network theory to investigate adoption of Visual Basic in the curriculum of an Australian university. Arthur's research interests include technological innovation, history of technology, project management, information systems curriculum, information technology in educational management and electronic business. Much of his research is based on the use of actor-network theory. Arthur is a Fellow of the Australian Computer Society and active in the International Federation for Information Processing (IFIP) as Chair of IFIP WG9.7 – *History of Computing*, Vice Chair of IFIP WG3.4 – *ICT in Professional and Vocational Education* and a member of IFIP WG3.7 – *Information Technology in Educational Management*. He has published widely in journals, books, book chapters and conference proceedings and recently edited the *Encyclopaedia of Portal Technology and Applications*, and *Web Technologies: Concepts, Methodologies, Tools, and Applications* for IGI Global. Arthur is also Editor-in-Chief of the *International Journal of Actor-Network Theory and Technological Innovation*, Editor-in-Chief of the *Journal of Education and Information Technologies* and Editor of the *Journal of Business Systems, Governance and Ethics*.

* * *

Hasan Al-Refai is an assistant professor and a head of Computer Information Systems department at Philadelphia University, Jordan. He got his PhD from National University of Malaysia, 2005. He joined Philadelphia in the fall (first) semester 2006 after one year experience as assistant professor at Yarmouk University, Jordan. His research interests include Cryptography, Mobile Cryptographic protocols, E-Commerce Security, Formal Methods, Multimedia, Mobile & Distributed Computing. He has written a number of journal articles and conference papers. He is a member of IJOPCM Editorial Board, International Journal of Open Problems in Computer Science, Program Committee of the Third International Symposium on Innovation in Information & Communication Technology - ISIICT 2009 (From 15 - 17 December, 2009) Jordan. Reviewer at Third International Symposium on Innovation in Information & Communication Technology - ISIICT 2009 (From 15 - 17 December, 2009), Member of the steering committee of the fourth International Symposium on Innovation in Information & Communication Technology - ISIICT 2011 November, 2011.

Ali Alawneh is an assistant professor and a head of Management Information Systems department at Philadelphia University, Jordan. He got his PhD from Arab Academy for Banking and Financial Sci-

ences, 2008. His PhD involved a study in e-business in which he investigated e business value creation at Jordanian Banking Sector through developing a model named e TOEECLN. His research interests include technology diffusion, e-business models and management, e-commerce, e-banking, information systems development, e-learning and knowledge management. Dr. Alawneh has 15 publications in Scientific Conferences and Journals in the area of Information Technology, e-business, e-banking and Knowledge Management. He is a member of the technical committee of The International Arab Journal of e Technology (IAJET), Excellent constructive reviewer- International Business Information Management Conference (12 IBIMA) - Malaysia. Member of technical committee (Reviewer)- ISIICT 2009 Third International Symposium on Innovation in Information & Communication Technology 15-17 December, 2009, Philadelphia University, Amman, Jordan <http://www.philadelphia.edu.jo/isiict2009>. Excellent constructive reviewer- International Business Information Management Conference (13 IBIMA) - Morocco. Member of Organizing committee in ISIICT 2009 Third International Symposium on Innovation in Information & Communication Technology 15 - 17 December, 2009, Philadelphia University, Amman, Jordan <http://www.philadelphia.edu.jo/isiict2009>. Member of the steering committee of the fourth International Symposium on Innovation in Information & Communication Technology – ISIICT 2011 November, 2011.

Khaldoun Mohammad Batiha is an associate professor and a Dean of Information Technology Faculty at Philadelphia University, Jordan. His research interests include Computer Networks and Artificial Intelligence. He has written a number of journal articles and conference papers. He has participated in authoring two books are Computer Skills and Analysis and Design Algorithms.

Magdalena Bielenia-Grajewska is an Assistant Professor at the University of Gdansk (Institute of English, Department of Translation Studies and Intercultural Communication). She is a linguist (MA in English Studies, University of Gdansk) and an economist (MA in Economics, Gdansk University of Technology). Her PhD thesis was of an interdisciplinary character, being devoted to intercultural communication, translation and investment banking. She is a member of the Editorial Board of International Journal of Actor-Network Theory and Technological Innovation (IJANTII) and serves as an ad hoc reviewer in some international journals. Her scientific interests include organizational discourse, intercultural communication, sociolinguistics, ANT and symbolism in management studies. She can be reached at: magda.bielenia@gmail.com

Rajeev K. Bali is a Reader in Healthcare Knowledge Management at Coventry University. His main research interests lie in clinical and healthcare knowledge management (from both technical and organisational perspectives). He founded and leads the Knowledge Management for Healthcare (KARMAH) research subgroup (working under BIOCORE). He is well published in peer-reviewed journals and conferences and has been invited internationally to deliver presentations and speeches. He serves on various editorial boards and conference committees and is the Associate Editor for the International Journal of Networking and Virtual Organisations as well as the International Journal of Biomedical Engineering and Technology.

Chris Bigum is an adjunct Professor at the Griffith Institute for Educational Research and lives an unretired academic life on the Gold Coast where he can access swimming pools and surf beaches all year round. His research interests are well mapped in the chapter and relate not only to actor-network

About the Contributors

theory and information technology, but also the possibilities and imperatives for doing school differently. The freedom he now enjoys has allowed a significant expansion of his collection of interesting thinkers and memes.

Scott Bingley completed an honours degree in Information Systems in 2005. After this he became a Software Test Analyst before being awarded an Australian Postgraduate Scholarship to commence his PhD, using an Innovation Diffusion Approach to examine the adoption of Internet applications in local sporting bodies. As part of his degree, Scott has undertaken study as part of a university exchange program at Slippery Rock University in the USA. Scott's research interests include the use of information systems in community based organisation, an area where he has been involved with a number of research projects.

Stephen Burgess has research and teaching interests that include the use of ICTs in small businesses (particularly in the tourism field), the strategic use of ICTs, and B2C electronic commerce. He has received a number of competitive research grants in these areas. He has completed several studies related to website features in small businesses and how well websites function over time, including his PhD from Monash University, Australia (completed in 2002). He has authored/ edited three books and special editions of journals in topics related to the use of ICTs in small business and been track chair at the international ISOOneWorld, IRMA, Conf-IRM and ACIS conferences in related areas. More recently, Stephen has extended his research interests to include the use of websites by community based organisations. He has published in journals such as the Journal of Information Science, Information Systems Frontiers, the International Journal of Tourism Research and the Journal of Hospitality, Marketing and Management.

Dubravka Cecez-Kecmanovic is a professor and the head of School of Information Systems, Technology and Management at the Australian School of Business, University of New South Wales (UNSW), Sydney, Australia. Her research has spanned a wide domain from technological design and applications of formal logics in information systems, to studies of social systems of information and government information systems, to ethnographies of electronically mediated work and communication, to exploring social theoretic foundations of IS. She has published in IS journals such as Journal of Information Systems, Information Technology and People, Decision Support Systems, Journal of Information Technology, Journal of Knowledge Management Theory and Practice, etc. Her current teaching includes research methodologies in IS. Her recent research interests include IS—organization coemergence, the sensemaking approach to organizations and information systems, and the sociotechnical, ANT view of IS entanglement in organizations.

Amany Elbanna is a lecturer in Information Systems at the Business School at Loughborough University. She holds MSc and Ph.D in Information Systems from the London School of Economics and Political Science. She also holds an MBA and professional diploma in marketing. Her research interests are in the area of business and software innovation, IS implementation and project management including large packaged software such as ERP and CRM and Agile/lean software development. Amany can be contacted at: a.elbanna@lboro.ac.uk

Yuti Ariani Fatimah, M. Eng is a research assistant in School of Architecture, Planning and Policy Development at Institute of Technology Bandung, Indonesia. Her master thesis used concepts from actor-network theory to study bio-fuel innovation within the Indonesia's context. Her research interests in science and technology studies (STS) focuses on theoretical and practical aspects of actor-network theory, bio-energy governance, and open source software movement. She has published a number of popular writings on technology and democracy. In December 2009, she started her PhD degree at University of Twente on sociotechnical regime with rural areas in Indonesia as focus.

Janet Francis gained her Masters degree in Computer Science in 1986. After a brief teaching career she went on to work in the computing industry for fourteen years. After working in software development for four years and as a trainer in database software, she moved into technical services management and worked for a number of organisations over a period of ten years. During this time she held responsibility for service development and the establishment of metrics associated with technical service delivery. Mrs Francis has been lecturing in the field of Information Systems at Staffordshire University since 1999. Additionally, she is heavily involved in the specification and management of work-based learning awards with particular interests in student retention and the mentoring role. The establishment and development of academic partnerships is a key aspect of her work. Mrs Francis is currently working towards a PhD in the area of Service Science looking particularly at service innovation through partnership and measurement of the value of HE service to stakeholders.

Steve Goldberg, In 1998 INET International Inc. was founded by Steve Goldberg. As INET's President he leads the firm in data collection for international research studies, wireless healthcare programs and INET Mini-conferences. Mr. Goldberg started his 24-year information technology career at Systemhouse Ltd. At Crowntek, he developed a \$30 million IT services business. During his tenure at Cybermation, he transformed the organization from mainframe to client/server solution delivery. Prior to INET, at Compugen he successfully built and managed teams to deliver enterprise e-business solutions. Mr. Goldberg has a B.A. (Economics & Computer Science) from the University of Western Ontario. He is on the Editorial Board of the International Journal of Networking and Virtual Organizations, and has many papers accepted under peer review at international conferences and published in international journals.

Huda Ibrahim is currently working as a lecturer at Universiti Utara Malaysia (UUM), Malaysia since 1995. She has PhD in System Science and Management (2006) from Universiti Kebangsaan Malaysia, Master of Computer System and Computer Management (1995) from Creighton University, Omaha, Nebraska, USA, and BA in Mathematics (1988) from University of Arkansas at Little Rock, Arkansas, USA. Her teaching areas are IT Project Management, Seminar in Information Management, System Analysis and Design, Information System Development, and Mathematics. At the postgraduate programme, she is also a supervisor to Master by Research student and PhD students. Currently she is the Coordinator of Internationalization and Quality of Applied Science, UUM College of Arts and Sciences, UUM, responsible for coordinating the quality of programs under Applied Science Division. Her research interests are in the related areas of Information Technology Transfer, ICT Adoption, Rural Communities Development, and Service-Oriented Architecture. At the moment, she is currently involved in two long-term research projects funded by the Malaysia Ministry of Higher Education, one university research project, one consultancy project under Asian Development Bank and ITU-UUM,

About the Contributors

Malaysia, and another consultancy project under UUM and Koperasi Pekan Rabu, Kedah. She is also actively involved in writing articles for journals, conferences proceedings, as well as courses' modules.

Tiko Iyamu is presently head of Architecture and Governance at MWEB (a telecommunication company) and Extraordinaire Senior Lecturer at the Department of Computer Science, University of the Western Cape, both of South Africa. He was Chief Architect at the City of Cape Town, South Africa. Research interests include Mobile Computing, Enterprise Architecture and Information Technology Strategy. His theoretical interests are Actor Network Theory (ANT) and Structuration Theory (ST). Dr. Iyamu is author of numerous peer-reviewed journal and conference proceeding articles. The most recent articles include The Impact of non-Technical Factors on Information Technology Strategy and E-business; Strategic Approach used for the Implementation of Enterprise Architecture; and The Impact of Network of People in the Computing Environment. Dr. Iyamu is affiliated to professional organisations such as South African Institute for Computer Scientists and Information Technologists. His achieved has also been recognised by "International Who is Who" Historical Society, USA.

Hasmiah Kasimin is currently working as a lecturer at Univesiti Kebangsaan Malaysia (UKM), Malaysia since 1978. She has PhD in Management Information Systems (1987), Master in Systems Analysis and Design (1978) from London School of Economics and Political Science, University of London, London, UK, respectively and Bachelor of Economics (Statistics) (Hons) (1977) from University of Malaya, Kuala Lumpur, Malaysia. Her teaching areas are Information Systems, and Mathematics. At the postgraduate programme, she is also supervises Master and PhD students. Her research interests are in the related areas of Information Technology Transfer, E-Government, ICT and Biotechnology industry. At the moment, she is currently involved in a number of research projects funded by Fundamental Research Grant Scheme. She is also actively involved in writing articles for journals, and conference proceedings.

Napaporn Kripanont is an academic from the Department of Accounting, Kasetsart University, Thailand. She has a BA (Accounting) from Chulalongkorn University in Thailand, an MS (Accounting) from Thammasat University in Thailand, an M.C.I.S. (Information Systems) from Cleveland State University in the U.S.A, and a PhD from Victoria University in Melbourne, Australia. Her PhD topic was: *Examining a Technology Acceptance Model of Internet Usage by Academics within Thai Business Schools*.

Samuel Landau holds a PhD in Artificial Intelligence from University of Paris 6. He was formerly a software project manager at Archos and then Chief Technical Officer of Comwax SAS. At the same time, he founded the company aevobots. Beforehand, he held several Postdoctoral fellowships in renowned universities and research institutes, such as Université Pierre et Marie Curie, University of Luxembourg and INRIA, where he worked on evolutionary robotics, software frameworks and machine learning. He is now working on business development at Gostai.

Lars Linden is a doctoral candidate at the University of Central Florida. He holds an MBA from the University of Tampa. His previous experience includes a Web development and book publishing. He has presented papers at Southern AIS, AMCIS and HICSS. His current research interests include knowledge management systems and free/open source software.

Fouad Nagm has several years of commercial experience in various analytical and project capacities at Ernst & Young, BT Financial Group, and National Australia Bank. Fouad also has taught a number of undergraduate and postgraduate university subjects including—research methods, business and computer information systems, IS management, organizational finance, IS project management, as well as knowledge management and e-business applications & technologies. Fouad's expertise and research interest lie predominately in IS project assessment, business/IS strategy, as well as project portfolio management. He is a Fellow at FinSia and holds the following qualifications, BCom-IS (UWS), MPM (USYD), MAppFin (FinSia), and a PhD (UNSW).

Thierry Rayna is a Senior Lecturer (ass. prof.) at London Metropolitan Business School. Beforehand, he worked at École Polytechnique (Paris), University of Cambridge and Imperial College London. He holds a PhD in Economics and his research investigates the economic consequences of the digital nature of goods such as films, music, software and information. Dr Rayna's research has been used in numerous governmental reports (European Commission, U.S. Federal Trade Commission, French Ministry of Culture) and he has served as an advisor for major companies of the media, telecommunication and cultural industries.

Leonie Rowan is a Senior Lecturer in the School of Education and Professional Studies at Griffith University. Her research interests relate to the broad fields of equity and social justice and she is particularly interested in the concept of relationship centred schooling as a framework for disrupting traditional patterns of success and failure in diverse educational and cultural sites. With an interest in the theoretical resources provided by feminist post-structuralism and actor-network theory, Dr Rowan has published in areas such as early childhood education, new literacies/new technologies, and values education, and is currently working on projects focused on home/school partnerships. Her most passionate belief is that schools CAN make a difference to the lives of diverse kids, provided we are all willing to look at the relationships we build, in our day to day activities, with kids, parents and caregivers.

Carol Stoak Saunders is professor of MIS at the University of Central Florida. She served as General Conference Chair of ICIS'99 and Telecommuting '96. She was the chair of the Executive Committee of ICIS in 2000 and inducted as an AIS Fellow in 2003. She was editor-in-chief of MIS Quarterly from 2005-2007. Her current research interests include the organizational impacts of information technology, virtual teams, time, and interorganizational linkages. Her research is published in MIS Quarterly, Information Systems Research, Journal of MIS, Journal of AIS, Communications of the ACM, Academy of Management Journal, Academy of Management Review, and Organization Science. She and Keri Pearlson coauthored *Managing and Using Information Systems: A Strategic Approach*, 3rd edition.

Ludmila Striukova is a Lecturer at University College London. She holds a PhD in Management from the University of London. Her previous experience involves working as a Market Analyst for a statistical agency and as a Research Fellow at King's College, University of London. Her research interests include innovation and entrepreneurship. As a part of her research activities Ludmila worked with a large number of FTSE 100 companies, as well as numerous start-ups.

About the Contributors

Jonathan Tummons is senior lecturer in education at Teesside University UK, winner of the Times Higher Education University of the Year award in 2009. He is course leader for the BA in Education Studies. He is in the final stages of completing PhD research, funded by the Economic and Social Research Council (ESRC), which draws on social practice theories to explore the assessment of trainee teachers, with a focus on learning, teaching and assessment practices within the teacher training curriculum for the post compulsory sector. He has particular interests in the learning and assessment experiences of part-time and non-traditional undergraduates. He is also interested in research relating to a number of particular conceptual approaches to teaching and learning: communities of practice; actor-network theory and the new literacy studies. Jonathan is a member of the international editorial review board for the International Journal of Actor-Network Theory and Technological Innovation. He has authored or co-authored five textbooks for education and teacher-training students, had contributed invited chapters to two others, and has published several articles in peer-reviewed journals relating to his research.

Lorna Uden is a Professor in the Faculty of Computing, Engineering and Technology at Staffordshire University in the UK. She has published over 120 papers in conferences, journals, chapters of books and workshops. Her research interests include Learning Technology, Web Engineering and Technology, Human Computer Interaction, Groupware, Activity Theory, E-business, Knowledge management, E-government, Semantic web, Web services, Service Science and Problem-Based Learning (PBL). She co-authored the book, 'Technology and Problem - Based Learning', published by IGI publishers. Professor Uden is program committee member for many international conferences and workshops. She is on the editorial board of several international journals including Journal of Internet Technology, International Journal of Web Based Communities, International Journal of Web Information Systems, Business Process Management Journal and International Journal of Mobile Learning and Organisation. She is founder and editor of the International Journal of Web Engineering and Technology (IJWET) and the International Journal of Learning Technology (IJLT), published by Inderscience, UK. Professor Uden is also visiting professor to universities in Australia, China, Finland, Italy, Malaysia, Slovenia, Spain, South Africa and Taiwan. She has been keynote speaker at several international conferences. On the international front, she collaborates widely with colleagues worldwide. She was conference chair for the KMO2008 in Finland, KMO2009 in Taiwan and KMO2010 in Hungary.

Nilmini Wickramasinghe received her PhD from Case Western Reserve University, USA. She researches and teaches within the information systems domain with particular focus on the applications of these areas to healthcare. Her research work focuses primarily on developing suitable models, strategies and techniques grounded in various management disciplines to facilitate more effective design, development and implementation of IS/IT solutions to effect superior, patient centric healthcare delivery. She has collaborated with leading scholars at various premier healthcare organizations throughout US and Europe. She is well published with more than 200 referred scholarly articles, several books, numerous book chapters, an encyclopedia and a well established funded research track record. As of December 13th 2009 Nilmini Wickramasinghe took up the position of Professor of Information Management and Library Science at RMIT University's School of Business IT & Logistics, Australia.

Sonny Yuliar is an Assistant Professor in the School of Architecture, Planning and Policy Development at Institute of Technology Bandung, Indonesia. While his PhD in systems engineering was conducted from a technology-content perspective, his current research interests in science and technology stud-

ies (STS) look at intertwining content/context of technological changes. His research interests include technology governance in public sectors, the role of universities in innovation and development, and diffusion of information technology in society. He is a member of the Indonesia's National Research Council. He has written a book on technology governance in Bahasa Indonesia and published a number of journal articles and conference papers.