

Author Biographies

Ms Roba Abbas has recently graduated with first class honours in Information and Communication Technology (majoring in Business Information Systems) from the University of Wollongong. She is currently the product manager at local web software development company Internetrix, and is involved in the areas of product research, development and improvement. Roba's primary research interest lies in the critical infrastructure protection area, with a particular focus on the impact of public data availability on critical infrastructure protection efforts in Australia. Ms Abbas presented at last year's RNSA Social Implications workshop and her honours thesis is available at <http://ro.uow.edu.au/thesesinfo/2/> • roba06@gmail.com

Mr Mark Burdon is a PhD candidate in the Faculty of Law at QUT. His thesis is investigating whether the commercial re-use of public sector information in Australia affects the information privacy of Australian citizens. Mark has a law degree from London South Bank University and a Masters degree in Public Policy from the University of London's Queen Mary and Westfield College. Since 2005, Mark has worked on a diverse range of legal/socio/technology related projects with QUT's Information Security Institute (ISI) involving the reporting of data breaches, e-government information frameworks, consumer protection in e-commerce and information protection standards for e-courts. m.burdon@qut.edu.au

Professor Roger Clarke is Principal of Xamax Consultancy Pty Ltd, Canberra. He is also a Visiting Professor in the Cyberspace Law & Policy Centre at the University of N.S.W., a Visiting Professor in the E-Commerce Programme at the University of Hong Kong, and a Visiting Professor in the Department of Computer Science at the Australian National University. He was for a decade the Chair of the Economic Legal and Social Implications Committee of the Australian Computer Society, and spent some time as the ACS Director of Community Affairs. He holds degrees from UNSW and ANU, and has been a Fellow of the ACS since

1986. He has been a Board-member of the Australian Privacy Foundation since its foundation in 1987, and its Chair since 2006. He has undertaken research, consultancy and public interest advocacy, and published extensively in Australia and overseas for over 30 years, in the areas of identification, security, dataveillance and social impacts and implications of information technology. His website is one of the most extensive and most used resources in these areas. Roger.Clarke@xamax.com.au

Mr Muhammad Usman Iqbal is a PhD candidate in the School of Surveying and Spatial Information Systems, Faculty of Engineering, The University of New South Wales (UNSW), Australia. He holds a Masters degree in Computer Science from UNSW and a Bachelors degree in Computer Science from the University of Karachi, Pakistan. His area of research is Privacy-aware Automotive Telematics where he seeks an understanding of 'locational privacy' and the importance of designing privacy-respecting technology solutions. Usman's work is supported by the 'Metadata Scholarship' from OMNILINK Pty. Ltd., where he has also developed a GIS Metadata Software Portal. Prior to post-graduate studies, Usman has worked in industry as a Software Engineer for 2 years. He is a student member of IEEE, ACM, Australian Privacy Foundation (APF) and the Australian Computer Society (ACS). m.iqbal@student.unsw.edu.au

Mr Tim Lane has recently been awarded his Masters by Research (IT) at the Queensland University of Technology. His thesis focused on information security management in Australian Universities. Prior to this Tim has completed a Bachelor of Management and Professional Studies (2002) through Southern Cross University, and an Associate Diploma of Information Technology at Gold Coast Institute of TAFE. Tim currently is the Information Security Manager at Southern Cross University, responsible for the development and maintenance of an organisational wide information security management programme. Tim's interest in information security extends across management, behavioural and technology aspects. tlane@scu.edu.au

Dr Samsung Lim is a Senior Lecturer in the School of Surveying and

Spatial Information Systems, The University of New South Wales (UNSW), Sydney, Australia. For the past fifteen years his research has been focused on the area of GNSS and GIS. Samsung's research interests are in theoretical problems related to RTK-GPS and applying geo-spatial information technologies to real-world problems. In 2005, Samsung developed an address-based search tool in conjunction with contemporary web-map services such as Google Earth. Samsung received his B.A. and M.A. in Mathematics from Seoul National University and his Ph.D. in Aerospace Engineering and Engineering Mechanics from the University of Texas at Austin. s.lim@unsw.edu.au

Associate Professor Doug MacKinnon is the Director of the Centre for Transnational Crime Prevention, Faculty of Law, at the University of Wollongong. The CTCP was established in 2000 and officially opened in June of 2001. CTCP focuses on the operation, prevention and responses to organised criminal activities that impact on regional and global security. Doug was previously with the Australian Federal Police in New South Wales, Australia. His research interests are in transnational dimensions of maritime crime. dougmack@uow.edu.au

Professor Brian Martin is Professor of Social Sciences in the School of Social Sciences, Media and Communication at the University of Wollongong, NSW, Australia. He is the author of 12 books and hundreds of articles on nonviolence, dissent, democracy, information issues, scientific controversies and strategies for social movements. bmartin@uow.edu.au

Dr Lauren May was awarded a PhD, MASc (Research) and BASc (Maths) in 2002, 1996 and 1990 from Queensland University of Technology. Her research degrees are in cryptology. Lauren worked full-time for the Information Security Research Centre (now Information Security Institute) at QUT in a research assistant position from 1991 to 1997. She commenced working as an academic in the School of Software Engineering and Data Communications in 1997, firstly as a Lecturer then a Senior Lecturer in 2002. Lauren currently holds this position and continues with her research through the Information Security Institute. In

recent years she has developed interests in cross-disciplinary research areas building upon her solid research foundations in information security. l.may@qut.edu.au

Dr Katina Michael PhD (UOW) 2003, BIT (UTS) 1996, Senior Member IEEE '04. Katina is on the *IEEE Technology and Society Magazine* editorial board, and is the technical editor of the *Journal of Theoretical and Applied Electronic Commerce Research*. Her research interests are in the area of location-based services, emerging mobile technologies, national security, and their respective socio-ethical implications. Katina is currently a Senior Lecturer in the School of Information Systems and Technology, Faculty of Informatics, University of Wollongong, Australia. She teaches eBusiness, strategy, innovation and communication security issues, and is the research administrator of the IP Location Based Services Program. Katina has authored over 40 refereed papers and is currently working towards the completion of her second book. She has held several industry positions including as a senior network and business planner for Nortel Networks (1996-2001). In her role with Nortel she had the opportunity to consult to telecommunication carriers throughout Asia. katina@uow.edu.au • <http://ro.uow.edu.au/kmichael>

Dr M.G. Michael Ph.D, MA(Hons), MTh, BTh, BA is a theologian and historian who brings a unique perspective on Information Technology and Computer Science. Presently he is an Honorary Fellow in the School of Information Systems and Technology, at the University of Wollongong, Australia. He is the former coordinator of Information & Communication Security Issues and since 2005 has guest-lectured and tutored in Location-Based Services, IT & Citizen Rights, Principles of eBusiness, and IT & Innovation. He has presented papers at numerous IEEE conferences including the *International Conference on Mobile Business*, the *International Conference on Mobile Computing and Ubiquitous Networking*, and *RFID Eurasia*. In 2000 he was invited to present a paper "Revelation 20:4-5 Chiliasm in the Early Ecclesiastical Writers", at the *Millennium Conference on the Sea of Galilee and the City of Jerusalem* (Israel). More recently he was invited to deliver a paper at the *29th International Conference of Data Protection and Privacy Commissioners*

(ubiquitous computing track) in Canada. He is currently co-authoring a book titled, *Innovative Automatic Identification and Location-Based Services: From Bar Codes to Chip Implants*. Alongside Katina Michael he has introduced the concepts of 'überveillance' and 'electrophorus' into the privacy and bioethics literature. Michael has been the recipient of a number of scholarships and awards. He is a member of the American Academy of Religion. mgm@uow.edu.au

Mr George Mickhail, Senior Lecturer, School of Accounting and Finance, Faculty of Commerce, University of Wollongong. He was trained in Commerce and Computer Science at Ain Shams University (Egypt), Operations Research at the Sadat Academy for Management Sciences (Egypt), and in Information Systems at the London School of Economics and Political Science (UK). He holds a 'Professeur des Universites Etranger' appointment at the Universite' D'Orleans (France) concurrently with his permanent appointment at the University of Wollongong, which he joined in 1994, after being at The University of Sydney for four years. Prior to academe, George held accounting and consulting appointments with a number of global firms and continues to collaborate with industry and the profession. His primary research exploits semiotics and autonomic computing for autonomic accounting applications (AAA), as a practical proposition for implementing efficiency within organisations. His secondary research critically examines how those new business and technological models utilise IT developments to create –or deplete- value in organisations. The research particularly evaluates the efficiency imperative in the e-transformation of the role of government, business and markets and their global effect on the individual and society. george@uow.edu.au

Mr Rob Nicholls is an independent consultant who works with Gilbert + Tobin. He is a communications specialist with a 25 year career focusing on technology, regulatory and business strategy in broadcasting and telecommunications. He has an extensive technical and regulatory background which he combines with commercial, finance and analytical experience. Rob currently works in Asia, the Middle East and Europe as well as in Australia. He is widely published and regularly presents at local

and international conferences in the fields of regulation, telecommunications and broadcasting. Rob has an honours degree in Electronics and Communications Engineering from Birmingham University and a Master of Arts in International Relations at UNSW. He is currently a PhD candidate at UNSW in the field of the global politics of the regulation of broadcasting. rnicholls@gtlaw.com.au

Associate Professor Nicholas O'Brien specialises in Counter Terrorism. He is a member of Australian Graduate School of Policing, Faculty of Arts at Charles Sturt University (CSU). Before joining Charles Sturt University (CSU), Nick represented the UK Association of Chief Police Officers - Terrorism and Allied Matters Committee (ACPO-TAM) as the Counter Terrorism and Extremism Liaison Officer (CTELO) at the British High Commission in Canberra. Nick covered Australasia and had a 'watching brief' on the Asia and the Pacific region. Prior to this posting Nick was in charge of International Counter Terrorism in Special Branch at New Scotland Yard, London. Nick has also represented the UK at Europol, the G8 Counter Terrorism Practitioners meetings and the European Police Working Group on Terrorism. Nick is a visiting Fellow at the Jakarta Centre for Law Enforcement Co-operation in Indonesia. Nick first started working in the counter terrorism related area in 1981 and has worked on Irish as well as international terrorism. nobrien@csu.edu.au

Mr Marcus O'Donnell is an Associate Lecturer in the School of Journalism and Creative Writing, University of Wollongong where he has played a key role in the establishment of the new Bachelor of Journalism. Prior to this he worked widely as a journalist and editor. He is currently completing his PhD on "Apocalyptic Narratives in News and Popular Culture" in the Faculty of Humanities and Social Sciences at the University of Technology Sydney. His research interests centre around a narrative model of news media and popular culture and he has presented at a number of interdisciplinary conferences and published in a number of journals looking at the intersection of law, media, religion, terrorism and popular culture. marcus@uow.edu.au

Dr Lucy Resnyansky Research Scientist, Command & Control

Division, Defence Science and Technology Organisation (DSTO) has graduate degree in Linguistics (1985) and PhD in Social Philosophy (1994) from Novosibirsk State University (Russia); and PhD in Education (2005) from the University of South Australia. She has been affiliated with the University of Wollongong, Macquarie University, and the University of Western Sydney. Her research experience covers sociological studies of attitudes, beliefs and motivation; theoretical modelling and empirical studies of human communication; analysis of media and advertising; and ethnographic studies of work practices and human performance. Her research interests are in such areas as social semiotics, sociology of science, social informatics, and sociocultural theories of cognitive action, learning and meaning. Lucy.Resnyansky@dsto.defence.gov.au

Dr Mark Rix is a Senior Lecturer in the Graduate School of Business at the University of Wollongong where he teaches subjects in the areas of organisational behaviour and international human resource management. Mark's research interests are mainly in the field of public policy and public administration, with a focus on issues relating to social exclusion, access to justice and citizenship. He also conducts research on the implications of anti-terrorism legislation in Australia, Great Britain, the United States, Canada and New Zealand for human rights and the rule of law in these countries. Mark has recently had articles on his research published in *Prometheus*, *Australian Journal of Public Administration*, *Alternative Law Journal*, *Third Sector Review*, *Australia and New Zealand Health Policy*, and the *Journal of Higher Education Policy and Management*. mrix@uow.edu.au

Associate Professor Gregory Rose is an international law specialist with substantial practical experience, including as Head of the Trade, Environment and Nuclear Law Unit in the Legal Office of the Australian Department of Foreign Affairs and Trade. Gregory's expertise has enabled him to train officers of the Royal Australian Navy in legal aspects of maritime security, to deliver counter-terrorism law training courses to officials in South East Asia and to be an adviser to the Australian Minister for the Environment. His research interests concern international law standards and their implementation in the fields of counter-terrorism and

marine environment. grose@uow.edu.au

Ms Michelle Rowland is a lawyer at Gilbert + Tobin. She specialises in a broad range regulatory and commercial telecommunications law including interconnection, privacy, law enforcement, disputes and submissions to government and regulator inquiries. Michelle has a working knowledge of Australia's telecommunications regulatory environment, having completed extended secondments in-house to some of Australia's leading telco providers. Michelle also has a broad range of international communications expertise. This includes best practice regulatory design and legislative drafting, particularly in emerging economies, representing operators, investors, governments and regulators. Michelle has a Bachelor of Arts (Hons), a Bachelor of Laws and a Master of Laws, each from the University of Sydney. Michelle was awarded the 2004 Gilbert + Tobin Scholarship for a course in utility regulation at the Public Utility Research Centre, University of Florida. Michelle serves as Councillor and Deputy Mayor of Blacktown City Council, the largest local government area in New South Wales. mrowland@gtlaw.com.au

Mr Matthew Sirotich, Honours Candidate, School of Information Systems and Technology, Faculty of Informatics, University of Wollongong. Matthew's research interests are predominantly in the area of security and radio-frequency identification. msirotych@gmail.com

Ms Holly Tootell is a Lecturer in the School of Information Systems and Technology, Faculty of Informatics at the University of Wollongong where she teaches subjects in the areas of social implications of information technology and innovation. Holly's research interests are the social and privacy implications of technology, with a focus on issues relating to national security. Her PhD used media content analysis to establish an understanding of the interplay between privacy, liberty and security when applied to location-based technologies. Holly is the Secretary of the Australian chapter of the IEEE Society on Social Implications of Technology (SSIT). holly@uow.edu.au

Dr Marcus Wigan (<http://go.to/.mwigan>) is Principal of Oxford Systematics, Professorial Fellow at the University of Melbourne, Professor of both Transport and of Information Systems at Napier University Edinburgh and Visiting Professor at Imperial College London and serves on the Ethics Task Force and the Economic Legal and Social Implications Committee of the Australian Computer Society, of which he is a Fellow. He has worked on the societal aspects of transport, surveillance and privacy both as an engineer and policy analyst and as an organisational psychologist. He has published for over 30 years on the interactions between intellectual property, identity and data integration in electronic road pricing and intelligent transport systems for both freight and passenger movements. He is spokesman for the Australian Privacy Foundation on transport issues, and works with the University of Melbourne on transport engineering and information issues in both logistics and social and environmental factors. His recent work in Scotland has been focussed on data observatories, knowledge management and transport informatics, currently as part of a European Union railway project in London on the issues of a national transport data infrastructure; in Australia he has also worked on vehicle identification and related issues. oxsys@optusnet.com.au