About the Contributors

Andrew Marrington is an Associate Professor and the Acting Associate Dean at the College of Technological Innovation at Zayed University, in the United Arab Emirates. At Zayed University, Dr. Marrington teaches information security management and digital forensics, at the undergraduate and graduate level. Dr. Marrington received his PhD in digital forensics from Queensland University of Technology (QUT), where he studied at the Information Security Institute. Dr. Marrington’s primary field of research is digital forensics, although he is also interested in other aspects of information security. He serves on the program committees of various conferences and workshops in digital forensics and information security, and on the editorial boards of several journals in the same field.

Don Kerr, PhD, is an Associate Professor of Information Systems at the University of the Sunshine Coast in Australia. Don worked for 25 years as a principal research scientist for the Queensland Department of Primary Industries before coming to academic in the year 2000. He has conducted both qualitative and quantitative research in both industry and academia over the past 35 years. Most recently he has undertaken research into Information and communications Technology (ICT) workarounds in organizations and ICT security issues. Don has been an editor on two IGI books previous to this one. These two books where titled “Digital Business Security Development: Management Technologies” and “Feral Information Systems Development: Managerial Implications”. Don has also published over 130 peer reviewed papers in Information systems and management journals and conferences over the past 20 years, including in journals such as Decision Support Systems, the Australasian Journal of Information systems, Knowledge Based Systems and the International Journal of Learning and Change. He has supervised nine PhD research students to completion.
John Gammack is a Professor in the College of Technological Innovation at Zayed University in Abu Dhabi, UAE. Dr. Gammack received his PhD on the topic of expert knowledge acquisition and modeling from Cambridge University, where he studied at the MRC Applied Psychology Unit. Prior to working at Zayed University, he worked as an academic in China, the UK and Australia, where he was Head of the School of IT at Murdoch University, Perth, and later Head of Management at Griffith University Business School, Queensland. At Griffith he led the User and Societal Needs group of the Institute for Integrated and Intelligent Systems. Professor Gammack’s primary field of research is knowledge management and decision support, particularly in the social, cultural and human aspects of their application areas. He is also interested in other aspects of informatics, particularly intelligent information systems interfaces. He has published around 200 books and articles in this general area, including a foundation text, “The Book of Informatics”.

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Roba Abbas is an Honorary Fellow with the Faculty of Engineering and Information Sciences at the University of Wollongong, Australia. She completed her Australian Research Council (ARC)-funded Doctor of Philosophy on the topic of Location-Based Services Regulation in 2012, earning special commendations for her thesis titled Location-Based Services Regulation in Australia: A Socio-Technical Approach. Abbas also graduated with first class Honours and Distinction in Information and Communication Technology (majoring in Business Information Systems) from the University of Wollongong Australia in 2006, earning a place on the Faculty of Informatics Dean’s Merit List. She has a strong interest in socio-technical theory, social media, and location-enabled technologies. Abbas has co-edited the Privacy and Security Issues in Social Networks section in the Encyclopedia of Social Network Analysis and Mining, and has previously co-edited a special issue in Cases on Information Technology on the Social Implications of Emerging Technologies. Abbas has written numerous papers most recently for Computer Law and Security Review and IT and People. She has also lectured and tutored in ICT, and has over five years industry experience in product management and enterprise information architecture.

Samer Abbas enlisted into the Australian Defence Force in 2010, working specifically in a broad range of electronics, and the repair and maintenance of them. For six years Samer worked as an electronics technician and left the Defence Force at the beginning of 2016. He is a qualified electronics technician and has a Certificate III and a Certificate IV in Electronics and Communications. Samer has recently accepted an offer to commence study at the University of Wollongong and will be studying Writing and English Literature.
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**Scott Amyx** was voted one of the Top 25 Global Speakers by Speaking.com. Scott is a thought-leader, speaker, and author on wearables and the Internet of Things and the CEO of Amyx+McKinsey. He was nominated by the Republic of Korea to represent cutting-edge research and case studies on wearables and the Internet of Things at the ITU Telecom World 2015 in Budapest. He debuted the concept of “The Digital Currency of Happiness” at TechCrunch Beijing 2015. Intel & TBS’s America’s Greatest Makers look to Scott to recommend the most promising startups. As a thought leader in wearables & IoT, Scott explores the intersection of enterprise implications and consumer decisions of adopting wearables & IoT technologies. He writes for Wired, InformationWeek, IEEE, Wearable Technologies (WT), ReadWrite, TechBeacon, and other leading publications and speaks at global conferences. Scott is the co-author of The Internet of Things and Cyber-Physical Systems Handbook, an academic publication by John Wiley and Sons, scheduled for late 2015 and The Advances in Information Security, Privacy, & Ethics (AISPE) Book Series, a series of academic publications by IGI Global (formerly Idea Group Inc.), scheduled for 2016. Scott has over 18 years of large-scale strategy and implementation experience, managing double digit million dollar projects across multiple verticals. In his last corporate position as VP of Product Management, Scott helped the company be acquired by a Fortune 500 publicly traded company. Scott has also started numerous startups and successfully sold a company. Scott has a master’s degree in applied microeconomics/public policy from the University of Chicago. Scott was a national Sloan Fellow at Carnegie Mellon University.

**Michelle Antero** is an Assistant Professor at Zayed University, College of Technological Innovation, where she is engaged in several research projects on ERP, mobile computing, and sustainable logistics. She received her PhD in Information Systems degree from Copenhagen Business School, Copenhagen, Denmark and her MSc. in Analysis and Management of Information Systems degree from London School of Economics and Political Science (LSE), London, UK. Prior to joining academia, Michelle was as an IT manager in Silicon Valley in California with over 12 years extensive experience in providing management consulting services. She is a Subject Matter Expert (SME) in telecommunications. She has successfully developed and implemented custom billing solutions for Incumbent Local Exchange Carriers (ILECS). She has also managed the systems development of Customer Relationship Management (CRM) systems, web applications and mobile solutions for Communications and High Technology clients. Her research looks at the impact of mobile technologies on a vendor’s ability to compete and on a student’s ability to learn. She has published in the Information Research Management Journal, the International Journal of Enterprise Information Systems and at international conferences such as AMCIS, ECIS and CENTERIS.
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**Ibrahim Baggili** is the founder and co-director of the University of New Haven’s Cyber Forensics Research and Education Group (UNHCFREG) – http://www.unhcfreg.com. He is the Elder Family Endowed Chair of Computer Science and the Assistant Dean of the Tagliatela College of Engineering at the University of New Haven, CT. He was the former editor in chief to the Journal of Digital Forensics, Security and Law. He has published numerous articles in the domain of cybersecurity and forensics and has been nominated and won a number of awards. To learn more about him, you can visit his website http://www.baggili.com.

**Sarra Berrahal** is a PhD Student at the Engineering School of Communications (SUP’Com, Tunisia), University of Carthage, and member of the Communication Networks and Security (CNAS) research Laboratory at the same University. She is conducting her research activities in the area of wireless body area network, networking, and quality of service.

**Noureddine Boudriga** received his Ph.D. in Algebraic Topology from University Paris XI (France) and his Ph.D. in Computer Science from University of Tunis (Tunisia). He is currently a full Professor of Telecommunications at the University of Carthage, Tunisia and the Director of the Communication Networks and Security Research Laboratory (CNAS, University of Carthage). He is the recipient of the Tunisian Presidential award in Science and Research (2004). He has served as the General Director and founder of the Tunisian National Digital Certification Agency (2000-2004). He was involved in very active research in communication networks and system security. He authored and co-authored many chapters and books on information security, security of mobiles networks, and communication networks. He published over 300 refereed journal and conference papers. Prof. Boudriga’s research interests include networking and internetworking security, security management of electronic services, and security-related theories and formal methods.

**Frank Breitinger** is an Assistant Professor of Computer Science at the Tagliatela College of Engineering at the University of New Haven, CT (ECECS Department). His research is carried out in the University of New Haven Cyber Forensics Research and Education Group (UNHCFREG, http://www.unhcfreg.com) where he also acts as a Co-Director. Additional information about his work and him is on his website http://www.fbreitinger.de.
About the Contributors

**Kerryn Butler-Henderson** is the Coordinator of the Master of Health Information Management at the University of Tasmania, and National Director of the Health Information Management Association of Australia. She holds positions on a number of national and international committees related to health information management and health informatics. Kerryn is widely published across health information management related research, including in the areas of health data, e-health and workforce issues.

**Alina M. Chircu** is a Professor and department chair in the Information and Process Management department at Bentley University, USA. She holds a Ph.D. degree in Management Information Systems and bachelor’s and master’s degrees in Computer Science. She has published articles in journals such as the Journal of Information Systems Education, Business Process Management Journal, Communications of the AIS, Journal of Product Innovation Management, Decision Support Systems, Journal of Management Information Systems, Communications of the ACM, and others, as well as numerous book chapters and conference papers. Her research interests include business process management and the business value and adoption of transformational technologies such as e-business, e-government, mobile, RFID, and emerging Internet of Things technologies.

**Filipe da Costa** is researcher in the Department of Information Systems at the University of Minho, Portugal. He holds a Licenciatura in Systems Engineering and Computer Science from the University of Minho. He has 8 years of experience as IT consultant in the telecom and enterprise business assurance areas, at a multinational company. His research focuses on information systems security.

**Deniz Gokyer** completed his Master’s of Information Communication Technology degree and his Master’s of Information Technology Management degree in the School of Information Systems and Technology at the University of Wollongong. In his final year research project in 2014, he investigated the domain of wearable computing. He examined the social implications of emerging form factors of new wearables with a view to characterizing and predicting the industry’s trajectory. He was formerly a research assistant in the Faculty of Engineering and Information Sciences and has previously been an intern for several government agencies in Turkey.
Katina Michael is the editor in chief of IEEE Technology and Society Magazine and the senior editor of IEEE Consumer Electronics Magazine. She is the associate dean international of the Faculty of Engineering and Information Sciences at the University of Wollongong, NSW, Australia, where she specialises in the socio-ethical implications of emerging technologies. She has been responsible for the annual workshop since 2006 on the Social Implications of National Security and has program chaired the International Symposium on Technology and Society in 2010 and 2013 on the respective topics of implantable technologies and wearable technologies. Her most recent book, coedited with MG Michael, is Uberveillance and the Social Implications of Microchip Implants: Emerging Technologies. She holds a PhD degree in automatic identification and location-based services, a master’s degree in transnational crime prevention from the University of Wollongong, and a bachelor of information technology from the University of Technology, Sydney.

M. G. Michael, Ph.D. (ACU), M.A (Hons) (MacqUni), M.Theol (SydUni), B.Theol (SCD), B.A.(SydUni), DipProfCouns (AIPC), is an Honorary Associate Professor in the School of Computing and Information Technology at the University of Wollongong, NSW, Australia. Michael is a theologian and historian with cross-disciplinary qualifications in the humanities and who introduced the concept of überveillance into the privacy and bioethics literature. Michael brings with him a unique perspective to Emerging Technologies. His formal studies include Ancient History, Theology, General Philosophy, Political Sociology, Ethics, Linguistics, and Government. He was previously the coordinator of Information & Communication Security Issues at the University of Wollongong and since 2005 has guest-lectured and tutored in Location-Based Services, IT & Citizen Rights, Principles of eBusiness, and IT & Innovation. The focus of his current research extends to modern hermeneutics and the Apocalypse of John; the historical antecedents of modern cryptography; the auto-ID trajectory; data protection, privacy and ethics related issues; biometrics, RFID and chip implants; national security and government policy; dataveillance and überveillance; and more broadly the system dynamics between technology and society. Michael is a member of the American Academy of Religion (AAR) and a life member of the Australian Privacy Foundation (APF). He has guest edited the December 2006 volume of Prometheus, several IEEE Technology and Society Magazine issues in 2010-11, an issue for Information Technology Cases (2011) and more recently the Journal of Location-Based Services. He is also the proceedings editor of four national security workshops sponsored by the Australian Research Council’s Research Network for a Secure Australia (RNSA).
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Marc Resnick had 25 years of experience in human factors and user experience strategy. His research covered a wide variety of conceptual frameworks and application domains, including enterprise systems, health care information systems, consumer products and social networks. He conducted basic research for the National Science Foundation, and applied research for NASA, large corporations, small businesses, and technology startup companies. Prior to joining Bentley, Dr. Resnick taught at Florida International University, with a focus on human factors, usability, ergonomics, performance management, business strategy, innovation and entrepreneurship. His professional résumé included independent consulting in business planning and entrepreneurship, and he was an active expert witness in human factors, ergonomics, and performance management. Dr. Resnick held a M.S. and PhD from the University of Michigan, Ann Arbor and a B.S. from Tufts University.

Joseph Ricci is an undergraduate in Cyber Systems at University of New Haven, class of 2017. Joseph is also a researcher for University of New Haven’s Cyber Forensics Research and Education Group (UNHcFREG). He has presented at Manhattan College about smartwatch security and forensics.

Filipe de Sá-Soares is assistant professor in the Department of Information Systems at the University of Minho, Portugal. He holds a Licenciatura in Systems Engineering and Computer Science, Master of Science in Management Information Systems and Ph.D. in Engineering and Management of Information Systems. He has 20 years of experience teaching introductory and advanced courses in computer science and information systems. His research focuses on information systems security, information systems audit, information systems management and IS/IT education. He is the Managing Editor of the Journal of Information System Security (JISSec).

Tony Sahama is a senior lecturer in the Information Security Discipline, Science and Engineering Faculty, Queensland University of Technology (QUT), Brisbane, Australia. An academic and researcher for more than 25 years, Tony’s research interest is in Medical and Health Informatics in particular, Healthcare Information Technology (HIT), Information Accountability (IA) and Clinical Decision Support Systems (CDSS) design and development. Tony possesses PhD in Computer Science (Computer Simulation and Modelling, DACE), and has experience working with researchers in developing customised technology applications for Clinical Decision Support Systems, Data warehousing, Data Integration and IT applications for healthcare decision making processes. Tony’s recent work is in developing a black box to solve information security and privacy issues in electronic health records.
(EHRs). In addition, Tony also involved in IT educational applications for consumers in the PACT arena (People Accepting Controversial Technologies). Currently, Tony is supervising six PhD level research projects in the Medical Informatics, Health Informatics, eHealth and Health Information Technology research areas. Tony holds professional membership with ACM, IEEE, IBS, ACS, SSAI and HISA.

Mingzhong Wang is a Lecturer in ICT at the University of the Sunshine Coast. He received his PhD in Computer Science from the University of Melbourne. His research interests include large-scale distributed systems, data management, multiagent systems, and information security issues in these fields.