

About the Contributors

Joan Lu is Professor in Informatics in the University of Huddersfield. She has been working in the areas of XML database, information retrieval research, mobile computing, Internet computing, mobile learning, etc. Her research projects have been collaborated with several EU, UK and other international institutions and industrial partners. The research work has been published into public domain together with a number of researchers in the academic world. She is also a member of British Computer Society, and Fellow of Higher Education Academy, UK.

Qiang Xu is a Senior lecturer at the School of Computing and Engineering in The University of Huddersfield, UK. His research activities cover computational modeling. Previously, Dr Xu was Senior Lecturer in the School of Science and Engineering at Teesside University from 2006 to 2013. In this role, Dr Xu supervised a number of PhD research projects and completed over 15 consultancy and grant applications. Dr Xu was Visiting Professor at the Northwest Polytechnic University, China from 2007 to 2012 and co-editor of two conference proceedings, key note speakers, regular reviewer for several internal journals (reviewed over 70 papers), and several internal conference committee member; and has published more than 70 papers. Dr Xu's research work has been cited worldwide by researchers in 8 nations including China, the USA, UK, Germany, Poland, India, Iran, and Russia.

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Abdelmalek Amine received an engineering degree in Computer Science, a Magister diploma in Computational Science and PhD from Djillali Liabes University in collaboration with Joseph Fourier University of Grenoble. His research interests include data mining, text mining, ontology, classification, clustering, neural networks, and biomimetic optimization methods. He participates in the program committees of several international conferences and on the editorial boards of international journals. Prof. Amine is the head of GeCoDe-knowledge management and complex data-laboratory at UTM University of Saida, Algeria; he also collaborates with the “knowledge base and database” team of TIMC laboratory at Joseph Fourier University of Grenoble.

Faisal Ammari is an expert in XML security in bank industry with extensive working experience.

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Christopher L. Carmichael received his B.C.Sc. (Hons.) and M.Sc. degrees, both from University of Manitoba, Canada, under the academic supervision of Prof. Carson K. Leung. Before that, Carmichael earned his diploma in mechanical engineering technology from Red River College, Canada, and spent a long career in designing and programming commercial control systems for building heating/air conditioning ventilation systems. Carmichael is currently conducting research in the areas of data mining, data visualization, and visual analytics, as well as prototyping private P2P network systems for audio, video, email and webpages with use of low-powered computers like Raspberry Pi.

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Patrick Johnstone received his B.Sc. degree—with major in computer science—from the University of Manitoba, Canada. During his study, Johnstone acquired research experience in the areas of data mining and visual analytics under the academic supervision of Prof. Carson K. Leung. Since graduation, Johnstone has been working as a software developer focused on distributed computing and system integration for a company offering software solutions for to the telecommunication sector. Recently, he has moved to a new role as a technical business analyst focused on in-depth analysis and system design in the same company in Winnipeg, Canada.

Carson K. Leung received his B.Sc. (Hons.), M.Sc., and Ph.D. degrees all from the University of British Columbia, Vancouver, Canada. He is currently a Professor at the University of Manitoba, Canada. He has contributed more than 150 refereed publications on the topics of big data analytics, databases, data mining, information retrieval, social network analysis, as well as visual analytics—including papers in ACM Transactions on Database Systems (TODS), Future Generation Computer Systems (FGCS), Journal of Organizational Computing and Electronic Commerce, Social Network Analysis and Mining, World Wide Web Journal (WWW), IEEE International Conference on Data Engineering (ICDE), IEEE International Conference on Data Mining (ICDM), the SCA 2012 Best Paper on social computing and its applications, the IEEE/ACM ASONAM-FAB 2016 Best Paper on foundations and applications of big data analytics, as well as five book chapters and encyclopedia entries for IGI Global.

Hee Jee Mei is a senior lecturer at the Faculty of Education, Universiti Teknologi Malaysia which is located at the southern part of Peninsular Malaysia. She has been serving the university since year 1998. She received her Ph.D from Deakin University, Australia, majoring in Online, Flexible and Distance Education. She has been teaching courses such as Educational Research Methodology, Assessment and Evaluation, Pedagogy, and Curriculum Development. Her research interested is in e-learning and online assessment.

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Yousef Rabadi is researcher in distributed systems with several years working experience in both industry and academic world.

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Grace L. Samson received a Bachelor of Science degree in Computer science in 2004 from the University of Abuja, Nigeria, an MSC in Computer Science and informatics in 2013 from the University of Huddersfield, UK, and she is currently a Doctoral research student in the Department of Computer Science and informatics, University of Huddersfield, which she joined in 2015. She has worked as a research and teaching staff at the Department of Computer Science, University of Abuja, Nigeria.

Ahlam Sawsaa She received her PhD from University of Huddersfield 2013, and B.s and M.S degree from Benghazi university in Library and Information Science. She is serving as lecture in the Department of Library and Information Science at Benghazi University, and supervisor of many projects of graduate degrees. She is author of a book and more than seven international publication, reviewer in international conferences and journals. She is interested in Ontologies and semantic.

Alex Tze Hiang Sim received his PhD degree from Monash University, Australia. He was working as a business & program analyst for six years after graduated from his first degree. He was then attached to the Department of Information Systems at Universiti Teknologi Malaysia (UTM) as a senior lecturer. He has been teaching courses such as Data Mining, Research Methods, and Databases. His research interest is in Data Mining and its applications. He has supervised more than twenty international PhD and master students. He is currently a member of AIS, IEEE and ACM.

Sukree Sinthupinyo, PhD, is currently a Assistant Professor at the Department of Computer Engineering, Chulalongkorn University. He is an expert in big data and artificial intelligence. He is also a team leader of student to compete in International Olympiad of Informatics for several years.

David Stupples's current role is Director of Electronic Warfare Systems Research at City, University of London with particular interest in electronic intelligence (ELINT). His focus is in data fusion for activity-based intelligence and sense-making within 'big data' collected from electromagnetic spectrum sensors. David's early career work was undertaken at Royal Signals and Radar Establishment (RSRE) Malvern in the UK, Hughes Aircraft Corporation in California and GCHQ, and involved Intelligence Surveillance & Reconnaissance (ISR) systems.

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