About the Contributors

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**Chin Ann Ong** received his Bachelor degree of Multimedia majoring in Multimedia Software Development from Swinburne University of Technology in 2009 and pursuing his Master degree of Science by research at the same university currently. His research interests are in the field of Artificial Intelligence, Biometrics Information and Image Processing especially in Facial Expression Recognition.

**Duncan F. Gillies** is a Professor of Biomedical Data Analysis in the Department of Computing at Imperial College London, United Kingdom. He graduated from Cambridge University with a degree in Engineering Science in 1971. He worked for three years as a control engineer in industry, before returning to full time study and obtaining an MSc Degree in Computing from Birkbeck College London and a PhD in the area of artificial intelligence from Queen Mary College. His research work has mostly concerned the application of computers in medicine and biology. In particular he has worked on interactive graphics for simulation of endoscopic procedures, geometric and physical modelling of the upper human airway, the use of Bayesian inference in visual diagnosis, and statistical analysis of microarray data. To date he has published over 120 papers, been granted five patents, and awarded 24 research grants.

**Georgios Dafoulas** is a Principal Lecturer in Business Information Systems at School of Engineering & Information Sciences, Middlesex University. He is the Program Leader for BSc. Business Information Systems, BSc. Business Information Systems with Management and all undergraduate BIS transitional programs, the
Curriculum Leader in Pedagogy for Global Campus and a member of the University’s e-Learning Strategy Group. He holds a BSc., MPhil and PhD in Computation, a PG Certificate in Academic Practice and near completion of an executive MBA. He was recently awarded a Teaching Fellowship and Associate Membership for the Institute of Work Based Learning. Georgios Dafoulas has authored several research papers for refereed journals and peer-reviewed international conferences, mainly in the fields of software engineering and computer-supported cooperative work. He is the co-author of six books and learning guides.

**Jacey-Lynn Minoi** is a Senior Lecturer, Faculty of Computer Science and Information Technology, Universiti Malaysia Sarawak, Malaysia. PhD in Computer Engineering, Imperial College London, UK 2009. MSc in Multimedia Technology, Computer Science Department, University of Manchester Institute of Science and Technology, UK 2001. BIT (Hons) in Computational Science, Faculty of Computer Science and Information Technology, Universiti Malaysia Sarawak, Malaysia 1999. She is current at the Royal College of Surgeons in Ireland undergoing a research under the Wellcome Trust working on 3D face analysis on schizophrenia patients. Her research interests include: 3D face and facial expression recognition, statistical discriminant analysis, pattern recognition.

**Jonathan Bishop** is a Chartered IT Professional and Chair of the Centre for Research into Online Communities and E-Learning Systems. In 1999 he developed the Circle of Friends social networking technology, which has formed part of most online communities he has built since. In 2004 he was recognized as a Top 10 UK Innovator by the New Statesman for developing PARLE, an e-learning system for people with autism, which was part of the Digital Classroom of Tomorrow Project and the forerunner to Vois, proposed in his chapter. Jonathan aims though his work to inspire others to think differently about how technology is used to help minority groups overcome their difficulties and realize their strengths. In his spare time he enjoys photography, listening to music and taking part in speaking and debating competitions.

**Kah Phooi Seng** received her Ph.D and Bachelor degrees from the University of Tasmania, Australia in 2001 and 1997 respectively. She is currently an Associate Professor at the University of Nottingham Malaysia Campus. Her research interests are in the fields of intelligent visual processing, biometrics and multi-biometrics, artificial intelligence, and signal processing.

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ICA, Gujarat University, Ahmedabad. He is pursuing PhD degree from the Faculty of Technology at Dharmsinh Desai University, Nadiad. He received his MCA from Gujarat Vidyapith, Ahmedabad in June 1997. His research interests include assistive technology, spatial cognition, human-computer interaction and virtual learning environments. He has authored over nine publications, including a refereed journal paper and two book chapters. He has also authored a book – “Data Structures: Theory and Problems”.

**Klaus David** has 12 years of industrial experience with HP, Bell Northern Research, IMEC, T-Mobile (as Head of Group) and IHP (as Head of Department). Since 1998 he is Professor at the Technical University of Brandenburg and since 2000 he is the head of the Chair for Communication Technology (ComTec) at the University of Kassel. His research interests include mobile applications and context awareness. He has published to-date over 140 publications and registered over 10 patents. He is also active in leading international organizations such as IEEE and WWRF (Wireless World Research Forum) and as a technology consultant in companies.

**Li-minn Ang** received his Ph.D and Bachelor degrees from Edith Cowan University, Australia in 2001 and 1996 respectively. He is currently an Associate Professor at the University of Nottingham Malaysia Campus. His research interests are in the fields of signal, image, vision processing, intelligent processing techniques, hardware architectures, and reconfigurable computing.

**Nia Valeria** received her Degree of Multimedia (Multimedia Software Development), in September 2009, from Swinburne University of Technology. She has been awarded scholarship by Swinburne University to pursue her Master by Research (Master of Science). Her research interests are more into assistive technology, virtual reality, web, and multimedia. Currently, she is working as teaching assistant in Swinburne University.

**Noha Saleeb** is a Researcher in Business Information Systems at School of Engineering and Information Sciences, Middlesex University; and Lecturer at Computer Science department, American University in Cairo. She teaches under graduates and post graduates, delivering education and guidance in a variety of topics in programming, architecture and graphics design. Noha holds a BSc., MSc. in engineering and is near completion of her PhD. Also works as a practicing architect and graphic designer both in the physical world and 3D virtual world of Second Life. Being at the intersection of several disciplines namely education, architecture/graphics design and computer science, has been an incentive to research the effect of these areas on student learning, for example a previously completed research
focused on evaluating e-learning sites qualitatively creating a framework and prototype to do so. Furthermore, Noha has several publications connected to education and usability in Virtual worlds in several peer reviewed international conferences, journals and book chapters.

Sanjay K. Vij received his PhD degree from IIT, Bombay, in 1974. He is currently a Director in the Department of CE-IT-MCA, Sardar Vallabhbhai Patel Institute of Technology (SVIT), Vasad. His research interests include Text Mining, Knowledge Management, and NLP. He has authored over twenty publications, including over seven refereed journal papers and two book chapters. He is a registered PhD guide with Dharmsinh Desai University, Nadiad. He is Member Board of Studies at MS University, Baroda and Dharmsinh Desai University, Nadiad. He had been a panel of experts/advisor in GSLET and GPSC. He is reviewer in couple of peer reviewed journals. He has been Chairman of Computer Society of India, Vadodara Chapter.

Sian Lun Lau received his bachelor degree in Electronics and Telecommunications at the Universiti Malaysia Sarawak (UNIMAS) in 2000 and his masters’ degree in Electrical Communication Engineering at the University of Kassel in 2004. After his graduation, he works as a scientific researcher at the Chair for Communication Technology (ComTec) at the University of Kassel. Throughout the years he was active in various national and international research projects such as Zellular, IST-MobiLife and ITEA-S4ALL. He currently participates in the project MATRIX, a German Federal Ministry of Education and Research (BMBF) funded research project with the focus of context aware telemedicine middleware. His research interests focus in the area of context awareness and end user programming.

Vivi Mandasari is currently doing her Master of Science in Swinburne University of Technology. Prior to her Master degree, she has completed a Bachelor degree in Multimedia Software Development from the same University in 2009. Her research interest includes application in helping the children with Autism Spectrum Disorder.

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