Professor Elizabeth Chang

PhD, MSc, BSc, FIEEE

Professor of Information Technology
University of New South Wales at Australian Defence Force Academy
(UNSW@ADFA).

Professor Elizabeth Chang has been a Professor of Logistics and IT at the UNSW at Australian Defence Force Academy since 2013 and has led the Defence *Logistics Innovation and Information Dominance Research* Group for the last 8 years. Prof. Chang completed her BSc, MSc and PhD in Computer Science and Software Engineering in the 1990s. Her key R&D strengths are in big data, complex system development including key elements of human-system engineering, trust, security, and risk management. Recent work includes Enterprise Blockchain and AI which are funded by the Department of Defence (DoD). In the 2012 edition of MIS Quarterly vol. 36(4) Special Issue on Business Research, Professor Chang was listed fifth in the world for researchers in Business Intelligence.

She has obtained 30+ Competitive Research Grants including 10 Defence Research Contract and 12 Australian Research Council (ARC) grants worth over $20 million. Recently, she led the team that obtained #1 place in Defence Innovation Competition Award organized by the Department of Defence. Prof. Chang has supervised to completion 54 PhD students. She received the 2020 Research Supervisor Award at UNSW. She has delivered 60+ Keynote/Plenary speeches largely at major Conferences both within Australia and internationally. She has published 8 authored books, 600+ international journal papers and refereed conference papers with an H-Index of 58 (Google Scholar) and over 17,000 citations.

PROFESSOR ACHIM P. KARDUCK

PhD, MSc, BSc, SMIEEE

Professor of Informatics

Furtwangen University, Germany

Prof Karduck's research activities are in the area of Software Architectures and Telematics, Collaborative Systems, and Digital Ecosystems. He conduct his research in conjunction with industrial partners and international research centers (such as Daimler Research, SAP Research, Australian Antarctic Division). He has lectured and researched internationally at Tongji-University Shanghai (China), Universidade Federal de Santa Catarina (Brazil), and the Grand Ecole EMAC (Albi, France). He holds a Diploma degree in Computer Science from Furtwangen University a Master of Science degree in Man-Computer Systems from DeMontfort University, and a Ph.D. in Telematics/Economics from Freiburg University. Before his University career, he headed the Innovation Department for New IS of Swiss Bank Corporation in Basel, Switzerland. Subsequently, he was appointed head of UBS Private Banking New Technologies US in New York, USA. He is General Co-Chair for IEEE DEST 2010 in Dubai and has been Special Session Chair for DEST 2009 in Istanbul, organizing tracks on Collaborative Systems since IEEE DEST 2008-2013.
His recent research focused on the intersection between Collaborative Systems and Sustainability Support for Digital Ecosystems, e.g. for e-Energy, Online (Business) Communities and Logistics. He

has chaired and co-chaired e.g. several "CollECTeR Europe" (Collaborative Electronic Commerce Technologies and Research) conferences, IEEE ICEBE BIMA Workshops (Int. Conf. on e-Business Engineering; Business Intelligence Methodologies and Applications), at PACIS (Pacific Asia Conf. on IS) on Collaborative Business, and holds several editorial board memberships, e.g. JTAER (Journal of Theoretical and Applied Electronic Commerce Research) and IEEE Transactions on Ind. Electronics.