About the Contributors

Xiaofeng Wang is a researcher in Free University of Bozen/Bolzano. Her research areas include software development process, methods, agile software development, and complex adaptive systems theory. Her doctoral study investigated the application of complex adaptive systems theory in the research of agile software development. Her publications include several journal and conference papers in major IS/SE journal and conferences, including Information Systems Research (ISR), Journal of Information Technology (JIT), Journal of Systems and Software (JSS), International Conference on Information Systems (ICIS), and the European Conference on Information Systems (ECIS).

Nour Ali is a Research Fellow at Lero-The Irish Software Engineering Research Centre, Ireland. She graduated in Computer Science from Bir-Zeit University, Palestine and holds a PhD. from the Polytechnic University of Valencia, Spain. She was awarded a grant by the same university, to perform her PhD. under the Researcher training programme (FPI, in Spanish). During her PhD, she was a visiting researcher at University of Leicester, UK. Her PhD. is on specifying software architecture of distributed and mobile systems using model driven engineering techniques for generating and executing their code. She has also been a postdoc at the Politecnico di Milano, Italy. She has been an active member of several research projects focusing on software architecture such as the Microsoft Research Cambridge funded Project: “PRISMA Model Compiler of aspect-oriented component-based software architectures.” She serves as reviewer for several venues and journals such as Journal of Systems and Software, Journal of Information Systems and Technology, and IEEE Transactions on Systems, Man, and Cybernetics. She has co-chaired and co-organized the IEEE International Workshop on Engineering Mobile Service Oriented Systems (EMSOS) and the IEEE Workshop on Future of Software Engineering for/in the Cloud. She is currently co-editing a special issue “The Future of Software Engineering FOR/IN the Cloud - FoSECloud,” in the Journal of Systems and Software. Her research interests are software architecture, service oriented computing, distributed and mobile systems, aspect-oriented software development, model driven engineering, and global software development.

Isidro Ramos is a full Professor since 1976. He has been teaching during 36 years in several universities. Currently, he is a Lecturer at the Polytechnic University of Valencia and the leader of the Software Engineering and Information Systems research group of the same university. He has been a key researcher in 21 Research Projects, member and president of different Programme Committees of relevant conferences. He has also been the International Coordinator of the VII CYTED Subprogram on Applied Electronics and Computing, and the president of the University of Castilla la Mancha. He has received the Spanish Computer Science National Award 2006. He is currently working in MDE and in Software Architectures fields.
Richard Vidgen is Professor of Systems Thinking in the Hull University Business School. He worked for fifteen years in the IT industry as a programmer, systems analyst, and project manager. On leaving industry he studied for a PhD in Information Systems at the University of Salford and then worked at the School of Management, University of Bath and the Australian School of Business, University of New South Wales. He has published research articles in leading journals including *Information Systems Research*, *Information & Management*, *European Journal of Information Systems*, *Journal of Information Technology*, *Omega, Journal of Strategic Information Systems*, and the *Information Systems Journal*. His current research interests include: the application of complex adaptive systems theory and social networks to the study of information system development and to organizations in general, Internet quality and Web site usability, and the assessment of scholarly influence and journal quality.

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Seung-Ho Baeg is a Principal Researcher of the Department of Applied Robot Technology (DART) at Korea Institute of Industrial Technology (KITECH) since 1993. His research areas include software engineering, system integration of the unmanned system, such as quadruped walking robots, unmanned ground vehicle, et cetera. Especially, he has focused lots of research on the real time data communication, 3D LIDAR sensor, and INS Sensor in order to build a reliable navigation system.

Yan Bai is an Assistant Professor in the Institute of Technology at University of Washington Tacoma. She received her Ph.D. in Electrical and Computer Engineering from University of British Columbia, Canada in 2003. Her research interests are in the area of computer networking, cybersecurity, eHealth, cloud computing, and multimedia communications.

Paul Barrett, since graduating from the University of Glamorgan in 2000 with a degree in Software Engineering, has worked on a diverse range of projects. These include a Voice over IP client, back-end systems for large insurance companies, finance calculators for the motor industry and a pop quiz website. During his time at Codeweavers Ltd, Paul has played a key role in growing the business from a small start-up to a successful, agile enterprise.

Barry Boehm is the TRW Professor in the USC Computer Sciences and Industrial and Systems Engineering Departments. He is also the Director of Research of the DoD-Stevens-USC Systems Engineering Research Center. He originated the spiral model, the constructive cost model, and the stakeholder win-win approach to software management and requirements negotiation. He is a Fellow of the primary professional societies in computing (ACM), aerospace (AIAA), electronics (IEEE), and systems engineering (INCOSE), a member of the U.S. National Academy of Engineering, and the 2010 recipient of the IEEE Simon Ramo Medal for exceptional achievement in systems engineering and systems science.

Ruth Breu is full Professor at the University of Innsbruck, Institute of Computer Science, since 2002 and head of the research group Quality Engineering. Prior to that she worked for several years as software engineering consultant for companies in the finance and telecommunication sector and passed her academic degrees at Technische Universität München and Universität Passau, Germany. Ruth Breu has long year experience in the areas of model-driven software development, requirements engineer-
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Noel Carroll is a PhD student with the Department of Computer Science and Information Systems at the University of Limerick. His research focuses on service science initiatives and examines methods to investigate the value of IT on service networks. Noel is a member of Lero – the Irish Software Engineering Research Centre. He is also involved in a European project S-Cube, the European Network of Excellence in Software Services and Systems. He is particularly interested in applying organisational network analysis and actor-network theory to examine the socio-technical influence of IT on service dynamics. He has a number of publications which identifies the need to adopt a new lens towards business process management. His PhD presents theoretical developments on public service science which examines the implementation process of technology in a public service network.

Sam Chung is an Associate and Founding Professor of Information Technology and Systems at the University of Washington, Tacoma. Dr. Chung is also an Associate Director of Cyber Physical Systems at the Center for Information Assurance and Cybersecurity in the University of Washington, Seattle. His Smart and Secure Computing research group focuses on how service-oriented cyber physical systems in a cloud environment can be smart and secure from internal or external attacks. Dr. Chung’s research areas include Secure Service-Oriented Software Reengineering in a Cloud Computing environment, Software Assurance, and Attack Aware Cyber Physical Systems. Dr. Chung recently supervised several research grant programs awarded: NSF has supported software reengineering based secure coding curriculum development project. Dr. Chung is also involved in a scholarship program called NSF Scholarship for Services (SFS) supported by NSF through CIAC at the UW, Seattle.

Conrado E Crompton Q. was born in July 25 1977 in Panama city, Republic of Panama in a little town call Alcalde Diaz. He moved together with his family to United States in February 2nd 1989. He attended college at Embry Riddle Aeronautical University (ERAU), receiving a Bachelor of Science in Computer Science in 2004. After ERAU, Mr. Crompton worked at New Tech LLC (NTL), where he was involved in the development of various government related software systems. In 2008, he returned to school, this time receiving a Master’s of Science from the University Of Washington, Tacoma. In 2010, he left NTL and worked at Northrop Grumman, Corporation as a Software Engineer. In 2010, he took a position with Motricity a mobile as a service company. He currently works for Expeditors International of Washington, Inc. as a software engineer. He is responsible for the development of logistics software products by the company.
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Neil Kidd graduated from Staffordshire University, in 2001, with a degree in Computing Science during which he gained a year of work experience at CERN in Geneva. Following university he joined Codeweavers Ltd. soon after its inception, developing financial solutions for the vehicle retail, finance underwriting and insurance sectors. He was a key member of the team that elected to introduce agile methods into the company. He gained a Scrum Master qualification and followed this with learning and implementing lean and XP techniques as part of his agile journey. Neil is a co-founder and regular participant in the Agile Staffordshire user group and enjoys attending conferences to continually expand and refine his knowledge.

Chris Knight graduated from Staffordshire University in 2005 with a degree in Business Information Technology. He has since worked on a range of projects at Codeweavers Ltd in the automotive finance and insurance industries. Since the company’s adoption of agile and lean practices in 2006, Chris has developed a keen interest in the subject having experienced the advantages they bring. His passion for agile, XP, and lean has helped the company grow into the agile organisation it is today.

Supannika Koolmanojwong is a full-time faculty and a researcher at the University of Southern California Center for Systems and Software Engineering. Her primary research areas are rapid-field software development, service science and engineering, systems and software process improvement, and systems and software engineering education and training. Her dissertation was about the Incremental
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**About the Contributors**

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**Paul Shannon** graduated from the University of Nottingham with a degree in Computer Science in 2003 and has spent 8 years since then developing software. He has been using agile methods for the last 5 years with a mixture of Scrum, Lean and XP practices. He was pivotal in the adoption of agile and lean practices at Codeweavers Ltd and helped the team improve their service oriented architecture before leaving to join 7digital in August 2011. Paul regularly represented Codeweavers at conferences and published an experience report in 2010. He now leads 7digital’s Content Team, runs Agile Staffordshire user group, and continues to share his experiences at other agile events around the country.

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Sam Wessel built his first website in 1994, when he was 12 years old, and has been following the evolution of the web ever since. After graduating from the University of Nottingham with a degree in Computer Science, Sam took his passion for learning to Codeweavers Ltd, where he was able to develop his programming skills while helping to advance the company’s adoption of agile practices. He has run several conference workshops on agile approaches to design. In February 2011 Sam joined the development team at Esendex Ltd, where he leads weekly coding dojos and nurtures the company’s agile processes. He is currently a co-organiser of the GeekUp Nottingham software group.

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