Contents

Frontmatter	
Preface	iii
Leveraging Expertise	
Semiautomatic Security Requirements Engineering and Evolution using Decision Documentation, Heuristics, and User Monitoring	
Tom-Michael Hesse, Stefan Gärtner, Tobias Roehm, Barbara Paech, Kurt Schneider, and Bernd Bruegge — <i>University of Heidelberg, Germany; Leibniz Universität Hannover, Germany; TU München, Germany</i>	1
Argumentation-Based Security Requirements Elicitation: The Next Round	
Dan Ionita, Jan-Willem Bullee, and Roel J. Wieringa — <i>University of Twente, Netherlands</i>	7
Towards a Framework to Measure Security Expertise in Requirements Analysis	
Hanan Hibshi, Travis D. Breaux, Maria Riaz, and Laurie Williams — Carnegie Mellon University, USA; King Abdul-Aziz University, Saudi Arabia; North Carolina State University, USA	13
Private, Legal (and Secure) by Design	
Engineering Privacy Requirements: Valuable Lessons from Another Realm	
Yod-Samuel Martín, Jose M. del Alamo, and Juan C. Yelmo — Universidad Politécnica de Madrid, Spain	19
L-SQUARE: Preliminary Extension of the SQUARE Methodology to Address Legal Compliance	
Aaron Alva and Lisa Young — SEI, USA	25
Evolving Security Requirements Engineering	
Supporting Evolving Security Models for an Agile Security Evaluation	
Wolfgang Raschke, Massimiliano Zilli, Philip Baumgartner, Johannes Loinig, Christian Steger, and Christian Kreiner —	
Graz University of Technology, Austria; NXP Semiconductors, Austria	31
Using Malware Analysis to Improve Security Requirements on Future Systems	
Nancy R. Mead and Jose Andre Morales — Carnegie Mellon University, USA	37
Pattern-Based and ISO 27001 Compliant Risk Analysis for Cloud Systems	
Azadeh Alebrahim, Denis Hatebur, and Ludger Goeke — University of Duisburg-Essen, Germany: ITESYS, Germany	42