

# Contents

## Risk Assessment

Risk Assessment and Security Testing of Large Scale Networked Systems with RACOMAT . . . . .	3
<i>Johannes Viehmann and Frank Werner</i>	
Combining Security Risk Assessment and Security Testing Based on Standards . . . . .	18
<i>Jürgen Großmann and Fredrik Seehusen</i>	
Validation of IT Risk Assessments with Markov Logic Networks . . . . .	34
<i>Janno von Stülpnagel and Willy Chen</i>	
CyVar: Extending Var-At-Risk to ICT. . . . .	49
<i>Fabrizio Baiardi, Federico Tonelli, and Alessandro Bertolini</i>	

## Risk and Development

Development of Device-and Service-Profiles for a Safe and Secure Interconnection of Medical Devices in the Integrated Open OR . . . . .	65
<i>Alexander Mildner, Armin Janß, Jasmin Dell’Anna-Pudlik, Paul Merz, Martin Leucker, and Klaus Radermacher</i>	

## Security Testing

Using CAPEC for Risk-Based Security Testing. . . . .	77
<i>Fredrik Seehusen</i>	
Risk-Driven Vulnerability Testing: Results from eHealth Experiments Using Patterns and Model-Based Approach . . . . .	93
<i>Alexandre Verlotte, Cornel Botea, Bruno Legeard, Arthur Molnar, and Fabien Peureux</i>	
Improving Security Testing with Usage-Based Fuzz Testing. . . . .	110
<i>Martin A. Schneider, Steffen Herbold, Marc-Florian Wendland, and Jens Grabowski</i>	

Author Index . . . . .	121
------------------------	-----

Risk Assessment and Risk-Driven Testing

Third International Workshop, RISK 2015, Berlin,

Germany, June 15, 2015. Revised Selected Papers

Seehusen, F.; Felderer, M.; Großmann, J.; Wendland,  
M.-F. (Eds.)

2015, IX, 121 p. 39 illus. in color., Softcover

ISBN: 978-3-319-26415-8