

Contents

1	Towards a Principle of Socio-technical Interactions – Embracing Cultural Issues of Enterprise Culture Through a Concept of Enterprise Activities	1
	Sebastian Bittmann	
2	The Human Factor in Computer Science and How to Teach Students to Care: An Experience Report	13
	Janet Siegmund and Sven Apel	
3	Socially-Aware Traffic Management	25
	Michael Seufert, George Darzanos, Ioanna Papafili, Roman Łapacz, Valentin Burger, and Tobias Hoßfeld	
4	The Social Dimension of Information Ranking: A Discussion of Research Challenges and Approaches	45
	Ingo Scholtes, René Pfitzner, and Frank Schweitzer	
5	Using Weighted Interaction Metrics for Link Prediction in a Large Online Social Network	63
	Oliver Posegga, Kai Fischbach, and Martin Donath	
6	Integrated Modeling and Evolution of Social Software	81
	Arnd Poetzsch-Heffter, Barbara Paech, and Mathias Weber	
7	Social Network Analysis in the Enterprise: Challenges and Opportunities	95
	Valentin Burger, David Hock, Ingo Scholtes, Tobias Hoßfeld, David Garcia, and Michael Seufert	
8	Assessing the Structural Fluidity of Virtual Organizations and Its Effects	121
	Sean P. Goggins and Giuseppe Valetto	

9	Anonymity, Immediacy and Electoral Delegation in Socio-Technical Computer Systems	139
	Jean Botev	
10	Towards Acceptance of Socio-technical Systems – An Emphasis on the Requirements Phase.....	145
	Joerg Doerr	
11	Morals, IT-Structures, and Society	153
	Wolfgang Lenski	

Socioinformatics - The Social Impact of Interactions
between Humans and IT

Zweig, K.A.; Neuser, W.; Pipek, V.; Rohde, M.; Scholtes,
I. (Eds.)

2014, IX, 171 p. 37 illus., 16 illus. in color., Hardcover

ISBN: 978-3-319-09377-2