## Contents

Evaluation in the Crowd: An Introduction ................................. 1  
Daniel Archambault, Helen C. Purchase,  
and Tobias Hoßfeld

Crowdsourcing Versus the Laboratory: Towards Human-Centered  
Experiments Using the Crowd .................................................. 6  
Ujwal Gadiraju, Sebastian Möller, Martin Nöllenburg,  
Dietmar Saupe, Sebastian Egger-Lampl, Daniel Archambault,  
and Brian Fisher

Understanding the Crowd: Ethical and Practical Matters in the Academic  
Use of Crowdsourcing ............................................................ 27  
David Martin, Sheelagh Carpendale, Neha Gupta, Tobias Hoßfeld,  
Babak Naderi, Judith Redi, Ernestasia Siahaan, and Ina Wechsung

Crowdsourcing Technology to Support Academic Research ............ 70  
Matthias Hirth, Jason Jacques, Peter Rodgers, Ognjen Scekic,  
and Michael Wybrow

Crowdsourcing for Information Visualization: Promises and Pitfalls. .... 96  
Rita Borgo, Bongshin Lee, Benjamin Bach, Sara Fabrikant,  
Radu Jianu, Andreas Kerren, Stephen Kobourov, Fintan McGee,  
Luana Micallef, Tatiana von Landesberger, Katrin Ballweg,  
Stephan Diehl, Paolo Simonetto, and Michelle Zhou

Cognitive Information Theories of Psychology and Applications  
with Visualization and HCI Through Crowdsourcing Platforms .......... 139  
Darren J. Edwards, Linda T. Kaastra, Brian Fisher,  
Remco Chang, and Min Chen

Crowdsourcing Quality of Experience Experiments ........................ 154  
Sebastian Egger-Lampl, Judith Redi, Tobias Hoßfeld,  
Matthias Hirth, Sebastian Möller, Babak Naderi, Christian Keimel,  
and Dietmar Saupe

Erratum to: Crowdsourcing Versus the Laboratory:  
Towards Human-Centered Experiments Using the Crowd ............... E1  
Ujwal Gadiraju, Sebastian Möller, Martin Nöllenburg,  
Dietmar Saupe, Sebastian Egger-Lampl, Daniel Archambault,  
and Brian Fisher

Author Index ................................................................. 191
Evaluation in the Crowd. Crowdsourcing and Human-Centered Experiments
Dagstuhl Seminar 15481, Dagstuhl Castle, Germany, November 22 – 27, 2015, Revised Contributions
Archambault, D.; Purchase, H.; Hossfeld, T. (Eds.)
2017, VII, 191 p. 15 illus., Softcover
ISBN: 978-3-319-66434-7