

Contents

Full Papers

Design of an Awareness Smartphone Platform Based on Direct and Indirect Persuasion for Energy Conservation	3
<i>Olayan Alharbi and Samir Chatterjee</i>	
PADRE: A Method for Participatory Action Design Research.	19
<i>Amir Haj-Bolouri, Lennarth Bernhardsson, and Matti Rossi</i>	
Making Use of Design Principles	37
<i>Leona Chandra Kruse, Stefan Seidel, and Sandeep Purao</i>	
Nascent Design Principles Enabling Digital Service Platforms	52
<i>Hannes Göbel and Stefan Cronholm</i>	
Applying Agile Design Sprint Methods in Action Design Research: Prototyping a Health and Wellbeing Platform	68
<i>W.J.W. Keijzer-Broers and M. de Reuver</i>	
Exploring the Design, Use, and Outcomes of Process Guidance Systems - A Qualitative Field Study.	81
<i>Stefan Morana, Silvia Schacht, and Alexander Maedche</i>	
Bookkeeping for Informal Workers: Co-creating with Street Traders	97
<i>Nasibu Mramba, Jesse Tulilahti, and Mikko Apiola</i>	
Understanding the Everyday Designer in Organisations	114
<i>Ciarán O'Leary, Fred Mtenzi, and Claire McAvinia</i>	
Out of the Bottle: Design Principles for GENIE Tools (Group-Focused Engagement and Network Innovation Environment)	131
<i>Magnus Rotvīt Perlt Hansen and Jan Pries-Heje</i>	
Conclusion to an Intelligent Agent as an Economic Insider Threat Solution: AIMIE	147
<i>Betina Tagle and Henry Felch</i>	
Prototype Design of a Healthcare-Analytics Pre-adoption Readiness Assessment (HAPRA) Instrument	158
<i>Sathyanarayanan Venkatraman, R.P. Sundarraj, and Anik Mukherjee</i>	

Short Papers

The Structure of DSR Knowledge as Reflected by DESRIST – A Citation Analysis (2009–2015)	177
<i>Jacky Akoka, Isabelle Comyn-Wattiau, and Nicolas Prat</i>	
Information System Design Theory: A Lifecycle Perspective	186
<i>Ahmad Alturki</i>	

Prototypes

A Prototype System for Collecting and Analyzing Credible Online Medical Content	197
<i>Ahmed Abbasi, Kevin Zhao, and Brendan Abraham</i>	
Lost in Antarctica: Designing an Information Literacy Game to Support Motivation and Learning Success	202
<i>Linda Eckardt and Susanne Robra-Bissantz</i>	
Interactive Dynamic Learning Environment (IDLE).	207
<i>Belinda Gibbons, Karlheinz Kautz, Mario Fernando, and Trevor Spedding</i>	
TheoryOn: Designing a Construct-Based Search Engine to Reduce Information Overload for Behavioral Science Research	212
<i>Jingjing Li, Kai R. Larsen, and Ahmed Abbasi</i>	
Designing a Competence Management System ‘Knome’ for a Knowledge-Intensive Project Organization	217
<i>Erkka Niemi and Sami Laine</i>	
Communication Platform for Disaster Response	223
<i>Mihoko Sakurai</i>	
Design of a Real-Time Data Market Based on the 21 Bitcoin Computer	228
<i>Dominic Wörner</i>	
Designing Information as a By-Product	233
<i>Sruthi Yaramreddy, Kyle Knight, Nitin Ram Kona, Nitin Jain, Adriana Salgado, and Roman Lukyanenko</i>	
emotionVis: Designing an Emotion Text Inference Tool for Visual Analytics	238
<i>Chris Zimmerman, Mari-Klara Stein, Daniel Hardt, Christian Danielsen, and Ravi Vatrupu</i>	
Author Index	245

Tackling Society's Grand Challenges with Design
Science

11th International Conference, DESRIST 2016, St.
John's, NL, Canada, May 23-25, 2016, Proceedings
Parsons, J.; Tuunanen, T.; Venable, J.; Donnellan, B.;
Helfert, M.; Kenneally, J. (Eds.)
2016, XII, 245 p. 65 illus., Softcover
ISBN: 978-3-319-39293-6