Contents

Designing Social Media

Utilizing Virtual Worlds for Personalized Search: Developing the PAsSIVE Framework .................................................. 3
   James Braman and Charles Dierbach

Enabling Continuous Emotional Status Display in Mobile Text Chat .......... 12
   Jackson Feijó Filho, Wilson Prata, and Thiago Valle

3D Virtual Worlds: An Ethnography of Key Artifacts and Processes .......... 20
   Nick V. Flor

Text-Mining of Hand-Over Notes for Care-Workers in Real Operation:
   Toward an Employee-Driven Innovation ........................................ 30
   Ken Fukuda, Kentaro Watanabe, Tomohiro Fukuhara,
   Masahiro Hamasaki, Ryoji Fujii, Miharu Horita,
   and Takuichi Nishimura

Talking Circles: Spiritual Aid for Teenagers Through Social Media .......... 39
   Markandeya Kunchi and Shubhi Shrivastava

Social Media Participation: A Narrative Way to Help Urban Planners ........ 48
   Erick Lópe-Ornelas and Nora Morales Zaragoza

Using Information Visualization Techniques to Improve the Perception
   of the Organizations’ Image on Social Networks ............................... 55
   Isabel H. Manssour, Milene S. Silveira, Caroline Q. Santos,
   Adolf J. Freitas, and Flávio T. Schirmer

Designing a Social Mobile Platform for Diabetes Self-management:
   A Theory-Driven Perspective ...................................................... 67
   Hoang D. Nguyen, Xinyi Jiang, and Danny Chiang Choon Poo

Providing ICT Support to Promote Communities’ Emotional Balance ........ 78
   Rener Baffa da Silva and Junia Coutinho Anacleto

User Modeling on Social Media for Art Museums and Galleries ............... 89
   Kingkarn Sookhanaphibarn, Utaiwon Chatuporn,
   and Kodchakorn Na Nakornphanom

Social Media and Higher Education: A Literature Review .................... 96
   Yuanqiong Wang and Gabriele Meiselwitz
Social Network Analysis

An Analytic Study on Private SNS for Bonding Social Networking. .......... 107
   Hyeonjung Ahn and Sangwon Lee

Simulation-Based Prediction and Analysis of Collective Emotional States ... 118
   Charlotte Gerritsen and Ward R.J. van Breda

Analysing Yammer Usage Pattern in the Context of Social Collaborative
   Activity Performance by Knowledge Workers. ............................... 127
   Jordan Hall and Bee Bee Chua

Ensemble Selection for Community Detection in Complex Networks. ......... 138
   Rushed Kanawati

Analysis of Online Social Networks Posts to Investigate Suspects Using
   SEMCON ............................................................................. 148
   Zenun Kastrati, Ali Shariq Imran, Sule Yildirim-Yayilgan,
   and Fisnik Dalipi

Language-Independent Sentiment Analysis with Surrounding Context
   Extension ........................................................................... 158
   Tomáš Kincl, Michal Novák, Jiří Přibil, and Pavel Štrach

Hashtag Popularity on Twitter: Analyzing Co-occurrence of Multiple
   Hashtags ........................................................................... 169
   Nargis Pervin, Tuan Quang Phan, Anindya Datta, Hideaki Takeda,
   and Fujio Toriumi

Individual and Group Behaviour in Social Media

It’s Not About the Risks, I’m just Used to Doing It: Disclosure of Personal
   Information on Facebook Among Adolescent Dutch Users. .......... 185
   Ardion D. Beldad and Ruud Koehorst

Interaction Study of Shuriken: User Grouping and Data Transfer Based
   on Inter-device Relative Positioning ............................................. 196
   Jonathan Chung and Adiyan Mujibiya

Are Social Media Useful for Managing Reputation Online?: Comparing
   User Interactions Online with Reputation Indicators. ...................... 207
   Jasmine Yoo Jung Hong and Jang Hyun Kim

Investigating Usability and User Experience from the User Postings
   in Social Systems ................................................................ 216
   Marília S. Mendes, Elizabeth Furtado, Vasco Furtado,
   and Miguel F. de Castro
A Computational Study of How and Why reddit.com was an Effective Platform in the Campaign Against SOPA. .................. 229
  Richard Mills and Adam Fish

Inter-Social-Networking: Accounting for Multiple Identities .............. 242
  Dominic Price, Derek McAuley, Richard Mortier, Chris Greenhalgh,
  Michael Brown, and Spyros Angelopoulos

Identifying Collaboration Strategies in Scientific Collaboration Networks . . . . 253
  Maria Lúcia Bento Villela, Simone Xavier, and Raquel Oliveira Prates

Author Index  .............................................................. 265
Social Computing and Social Media
7th International Conference, SCSM 2015, Held as Part of
HCI International 2015, Los Angeles, CA, USA, August 2–7,
2015, Proceedings
Meiselwitz, G. (Ed.)
2015, XV, 265 p. 90 illus., Softcover
ISBN: 978-3-319-20366-9