Contents

Designing and Developing Social Media

Interaction Design Patterns from a Multicultural Perspective: Case Studies
Panama, Colombia and Spain .................................................. 3
César A. Collazos, Jaime Muñoz Arteaga, Zayra Jaramillo,
Daniyal M. Alghazzawi, and Habib M. Fardoun

Towards Emotionally Intelligent Machines: Taking Social Contexts into Account .......................................... 12
Han Lin, Han Yu, Chunyan Miao, and Lin Qiu

Using Infographics to Represent Meaning on Social Media ............... 25
Erick Lópeoz-Ornelas and Saúl Hermilio Sánchez Hernández

Automated Mobile Health: Designing a Social Reasoning Platform for Remote Health Management .................................................. 34
Hoang D. Nguyen and Danny Chiang Choon Poo

Does Location Matter? The Efficiency of Request Propagation Based on Location in Online Social Networks ........................................... 47
Salem Othman, Javed I. Khan, and Fatema Nafa

Usability Heuristics: Reinventing the Wheel? .......................... 59
Cristian Rusu, Virginica Rusu, Silvana Roncaglilo, Daniela Quiñones,
Virginia Zaraza Rusu, Habib M. Fardoun, Daniyal M. Alghazzawi,
and César A. Collazos

Circles: Enhancing Effective Interactions by Quantitative and Qualitative Visualization in User-Centered Design .................................. 71
Diana Sepúlveda Barrera, Erick Monroy Cuevas,
and Rocío Abascal Mena

A Recommender System Research Based on Location-Based Social Networks ................................................................. 81
Jianmin Wang, Ruhuo Tan, Ri-Peng Zhang, and Fang You

Users Behaviour in Social Media

User’s Understanding of Reputation Issues in a Community Based Mobile App ....................................................... 93
Orlando P. Afonso, Luciana C. de C. Salgado, and José Viterbo
# Content

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modeling of User’s Tweet Behavior to Enhance Profile’s Influence.</td>
<td>104</td>
</tr>
<tr>
<td><em>Esraa Almajhad, Abdullatif M. AlAbdullatif, Esam Alwagait, and Basit Shahzad</em></td>
<td></td>
</tr>
<tr>
<td>The Impact of Social Context and Personality Toward the Usage of Stickers in LINE.</td>
<td>114</td>
</tr>
<tr>
<td><em>Ya-Chiao Chang and Jiunde Lee</em></td>
<td></td>
</tr>
<tr>
<td>Factors Leading to Viral Intention on Exercise Posts</td>
<td>123</td>
</tr>
<tr>
<td><em>Wonkyung Kim and Taiwoo Park</em></td>
<td></td>
</tr>
<tr>
<td>Do Users Express Values During Use of Social Systems? A Classification of Their Postings in Personal, Social and Technical Values</td>
<td>130</td>
</tr>
<tr>
<td><em>Denilson C. Oliveira, Elizabeth Furtado, and Marilia S. Mendes</em></td>
<td></td>
</tr>
<tr>
<td>Judgment Making with Conflicting Information in Social Media:</td>
<td>141</td>
</tr>
<tr>
<td>The Second-Order Judgment Problems.</td>
<td></td>
</tr>
<tr>
<td><em>Mina Park and Poong Oh</em></td>
<td></td>
</tr>
<tr>
<td>Checking Information Reliability in Social Networks Regarding User Behavior and Developers’ Effort to Avoid Misinformation</td>
<td>151</td>
</tr>
<tr>
<td><em>Alexandre Pinheiro, Claudia Cappelli, and Cristiano Maciel</em></td>
<td></td>
</tr>
<tr>
<td>The Influence of Technology on Romantic Relationships: Understanding Online Dating</td>
<td>162</td>
</tr>
<tr>
<td><em>Stephanie Tom Tong, Jeffrey T. Hancock, and Richard B. Slatcher</em></td>
<td></td>
</tr>
</tbody>
</table>

## Social Media, Policy, Politics and Engagement

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Communities in Urban Mobility Systems</td>
<td>177</td>
</tr>
<tr>
<td><em>Tarfah Alrashed, Jumana Almahmoud, Mohamad Alrishied, Sattam Alsabaiee, Mansour Alsaleh, and Carlos Sandoval Olascoaga</em></td>
<td></td>
</tr>
<tr>
<td>Feasibility and Framing of Interventions Based on Public Support:</td>
<td>188</td>
</tr>
<tr>
<td>Leveraging Text Analytics for Policymakers</td>
<td></td>
</tr>
<tr>
<td><em>Philippe J. Giabbanelli, Jean Adams, and Venkata Sai Pillutla</em></td>
<td></td>
</tr>
<tr>
<td>Chrono-Spatial Intelligence in Global Systems Science and Social Media: Predictions for Proactive Political Decision Making</td>
<td>201</td>
</tr>
<tr>
<td><em>Niki Lambropoulos, Habib M. Fardoun, and Daniyal M. Alghazzawi</em></td>
<td></td>
</tr>
<tr>
<td>Designing for Neighbourhoods and Citizen Engagement:</td>
<td>209</td>
</tr>
<tr>
<td>The Case of MyNeighbourhood</td>
<td></td>
</tr>
<tr>
<td><em>Sobah Abbas Petersen, Manuel Oliveira, and Grazia Concilio</em></td>
<td></td>
</tr>
<tr>
<td>Social Media - New Face of Collaborative Policing?: A Survey Exploring Perceptions, Behavior, Challenges for Police Field Officers and Residents</td>
<td>221</td>
</tr>
<tr>
<td><em>Niharika Sachdeva and Ponnurangam Kumaraguru</em></td>
<td></td>
</tr>
</tbody>
</table>
The Influence of Social Media on the Design of the National Image in the Globalization Context ........................................................... 234
  Minggang Yang and Hongling Wan

Social Network Analysis

Urban Analytics in Crowd Management in the Context of Hajj .............. 249
  Lamia Alabdulkarim, Wafa Alrajhi, and Ebtesam Aloboud

Towards Urban Tribes in Saudi Arabia: Social Subcultures Emerging from Urban Analytics of Social Media ........................................... 258
  Tariq Alhindi, Salma Aldawood, Jumana Almahmoud, Carlos Sandoval, Areej Al-Wabil, Mansour Alsaleh, and Sarah Williams

Arabic Sentiment Analysis Resources: A Survey .............................. 267
  Areeb alOwisheq, Sarah alHumoud, Nora alTwairesh, and Tarfa alBuhairi

Surfing the Social Networks .......................................................... 279
  Cristóbal Fernández Robin, Scott McCoy, and Diego Yáñez

Detecting Personality Traces in Users’ Social Activity ...................... 287
  Styliani Kleanthous, Constantinos Herodotou, George Samaras, and Panayiotis Germanakos

Domain-Tailored Multiclass Classification of User Reviews Based on Binary Splits ................................................................. 298
  Alexandre Lunardi, Josè Viterbo, Clodis Boscarioli, Flavia Bernardini, and Cristiano Maciel

Social Media in Learning and Collaboration

Collaboration Support in an International Computer Science Capstone Course ................................................................. 313
  Robert Adams and Carsten Kleiner

Model Based on Learning Needs of Children with Auditory Impairment ................................................................. 324
  Sandra Cano, César Collazos, Habib M. Fardoun, Daniyal M. Alghazzawi, and Abdullah Albarakati

A Validated Educational Format in Software Engineering Targeting Students’ Collaboration Skills ................................................ 335
  Carolin Gold-Veerkamp, Nina Kaelberer, Martina Kuhn, and Joerg Abke
Mobile Player Experience Evaluation in RA Geolocalized Serious Games . . . 347
   Carina S. Gonzalez-Gonzalez, Habib M. Fardoun, Belén Armas,
   and Abdullah S. AL-Malaise ALGhamdi

Gaggle on the Gavel: Designing an Interactive Website to Create
a Community of Lawyers . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 355
   Sara Anne Hook and Shilpa Pachhapurkar

Evaluation of Collaborative Development Environments for Software
Engineering Courses in Higher Education . . . . . . . . . . . . . . . . . . . . . . . . 365
   Daniel Kadenbach and Carsten Kleiner

Exercising Users’ Tolerance and Solidarity: A Groupware Application
for the Modus Operandi AND . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 373
   Marlon Jonas de Oliveira Lima, Laura Sánchez García,
   and Fernanda Eugénio

International Collaboration for Software Capstone Projects . . . . . . . . . . 383
   Alex Radermacher and Dean Knudson

Integrating the Crowd Through Social Media: How Higher Education
Can Profit from Viral Mechanisms . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 393
   Maximilian Rapp, Ken White, and Markus Rhomberg

Using Liferay as an Interdisciplinary Scientific Collaboration Portal:
A Comparative Usability Study of Version 6.1 and 6.2 . . . . . . . . . . . . . . . . . . 405
   Günther Schuh, André Bräkling, André Calero Valdez,
   Anne-Kathrin Schaar, and Martina Ziefle

Enterprise Social Media

“Fake It or Make It” – Selfies in Corporate Social Media Campaigns . . . 417
   Tina Gruber-Muecke and Christiane Rau

Social Media in User Entrepreneurship . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 428
   Hari Suman Naik and Kathrin M. Möslein

Cruel Intentions? – The Role of Moral Awareness, Moral Disengagement,
and Regulatory Focus in the Unethical Use of Social Media by
Entrepreneurs . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 437
   Christian W. Scheiner, Katja Krämer, and Christian V. Baccarella

Unleash Your Brand! Using Social Media as a Marketing Tool in Academia. . 449
   Timm F. Trefzger and Domenique Düinfeld
Social Computing and Social Media
8th International Conference, SCSM 2016, Held as Part of HCI International 2016, Toronto, ON, Canada, July 17-22, 2016. Proceedings
Meiselwitz, G. (Ed.)
2016, XVII, 474 p. 128 illus., Softcover
ISBN: 978-3-319-39909-6