Social Media

Collaboration Using Social Media: The Case of Podio in a Voluntary Organization ............................................. 1
  Liana Razmerita

Keep Querying and Tag on: Collaborative Folksonomy Using Model-Based Recommendation .............................. 10
  Angelina de C.A. Ziesemer and João Batista S. de Oliveira

Understanding Real-World Events via Multimedia Summaries Based on Social Indicators ........................................ 18
  Mauricio Quezada and Barbara Poblete

Social Networks

How Do Researchers on Collaboration Technology Collaborate with Each Other? A Social Network Analysis ............ 26
  Andreas Harrer, Tilman Göhnert, and H. Ulrich Hoppe

Inferring Hidden Trust Relationships in Social Networks for Encouraging Collaboration and Cooperation among Individuals .... 42
  Edeilson Milhomem Silva, Diego Oliveira Rodrigues, Jackson Gomes de Souza, Parcilene Fernandes de Brito, Ana Carolina Salgado, Silvio Romero Lemos Meira, and José Alfredo F. Costa

Providing Awareness, Understanding and Control of Personalized Stream Filtering in a P2P Social Network .......... 61
  Sayooran Nagulendra and Julita Vassileva

Crowdsourcing

OurMap: Representing Crowdsourced Annotations on Geospatial Coordinates as Linked Open Data ......................... 77
  André Lins Gonzalez, Diego Izidoro, Roberto Willrich, and Celso A.S. Santos

A Theoretical Model of User Engagement in Crowdsourcing ......... 94
  Triparna de Vreede, Cuong Nguyen, Gert-Jan de Vreede, Imed Boughzala, Onook Oh, and Roni Reiter-Palmon
Factors Influencing the Decision to Crowdsource ........................................ 110
   Nguyen Hoang Thuan, Pedro Antunes, and David Johnstone

Data Quality in an Output-Agreement Game: A Comparison between Game-Generated Tags and Professional Descriptors ............... 126
   Rasmus Thogersen

Learning

Analyzing Two Participation Strategies in an Undergraduate Course Community ................................................................. 143
   Francisco Gutierrez, Gustavo Zurita, Sergio F. Ochoa, and Nelson Baloian

Work and Learning across Boundaries: Artifacts, Discourses, and Processes in a University Course ......................................... 159
   Mikhail Fominykh, Ekaterina Prasolova-Førland, Sobah Abbas Petersen, and Monica Divitini

Redesigning Collaboration Tools to Enhance Social Presence in Online Learning Environments .................................................. 175
   Francisco Medeiros, Alex Gomes, Ricardo Amorim, and Gabriela Medeiros

The Metafora Design Principles for a Collaborative, Interoperable Learning Framework ......................................................... 192
   Andreas Harrer, Thomas Irgang, Andreas Lingnau, Norbert Sattes, and Kerstin Pfahler

Integrating Formal and Informal Learning through a FLOSS-Based Innovative Approach ........................................................ 208
   Sara Fernandes, Maria Helena Martinho, Antonio Cerone, and Luis Soares Barbosa

Using Geo-collaboration and Microblogging to Support Learning: Identifying Problems and Opportunities for Technological Business ..... 215
   Gustavo Zurita and Nelson Baloian

Collaboration Design

Ontology-Based Resource Discovery in Pervasive Collaborative Environments ................................................................. 233
   Kimberly García, Manuele Kirsch-Pinheiro, Sonia Mendoza, and Dominique Decouchant
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identifying the Awareness Mechanisms for Mobile Collaborative Applications</td>
<td>241</td>
</tr>
<tr>
<td>Valeria Herskovic, Sergio F. Ochoa, José A. Pino, Pedro Antunes, and Emilio Ormeño</td>
<td></td>
</tr>
<tr>
<td>In-Vivo Therapy Procedures: Design Process of a Geo-Referenced System</td>
<td>257</td>
</tr>
<tr>
<td>Luis Carriço, Luís Duarte, and Isabel Sá</td>
<td></td>
</tr>
<tr>
<td>Software Development</td>
<td></td>
</tr>
<tr>
<td>Extending the Dependency Taxonomy of Agile Software</td>
<td>274</td>
</tr>
<tr>
<td>Diane E. Strode</td>
<td></td>
</tr>
<tr>
<td>Building a Domain Model for Mobile Collaborative Systems: Towards a Software Product Line</td>
<td>290</td>
</tr>
<tr>
<td>Pedro O. Rossel and Valeria Herskovic</td>
<td></td>
</tr>
<tr>
<td>Supporting Requirements Elicitation Practices</td>
<td>306</td>
</tr>
<tr>
<td>Mohd Ilias M. Shuhud, Alexander Richter, and Aishah Ahmad</td>
<td></td>
</tr>
<tr>
<td>Author Index</td>
<td>323</td>
</tr>
</tbody>
</table>