# Contents

First Workshop on Linking and Contextualizing Publications and Datasets

Datasets: From Creation to Publication .................................................. 3  
*Sarah Callaghan*

Towards Facilitating Scientific Publishing and Knowledge Exchange  
Through Linked Data ................................................................................. 10  
*Sören Auer, Christoph Lange, and Timofey Ermilov*

Tagging Scientific Publications Using Wikipedia and Natural Language  
Processing Tools: Comparison on the ArXiv Dataset ............................... 16  
*Michał Łopuszyński and Łukasz Bolikowski*

Understanding Climate Data Through Commentary Metadata:  
The CHARMe Project .................................................................................. 28  
*Jon D. Blower, Raquel Alegre, Victoria L. Bennett, Debbie J. Clifford,  
Philip J. Kershaw, Bryan N. Lawrence, Jane P. Lewis, Kevin Marsh,  
Maurizio Nagni, Alan O’Neill, and Rhona A. Phipps*

Trismegistos: An Interdisciplinary Platform for Ancient World Texts and Related Information ................................................................. 40  
*Mark Depauw and Tom Gheldof*

Preliminary Analysis of Data Sources Interlinking: Data Searchery:  
A Case Study ............................................................................................ 53  
*Andrea Mannocci and Paolo Manghi*

Linked Logainm: Enhancing Library Metadata Using Linked Data of Irish Place Names ................................................................. 65  
*Nuno Lopes, Rebecca Grant, Brian Ó Raghallaigh, Eoghan Ó Carragáin,  
Sandra Collins, and Stefan Decker*

From Linked Data to Concept Networks .................................................. 77  
*Marcin Skulimowski*

LODmilla: Shared Visualization of Linked Open Data ............................. 89  
*András Micsik, Zoltán Tóth, and Sándor Turbucz*

Content Visualization of Scientific Corpora Using an Extensible Relational Database Implementation ...................................................... 101  
*Theodoros Giannakopoulos, Eleftherios Stamatiogiannakis,  
Ioannis Foufoulas, Harry Dimitropoulos, Natalia Manola,  
and Yannis Ioannidis*
CERIF for Datasets (C4D): Linking and Contextualising Publications and Datasets, and Much More.......................... 113
Scott Brander, Anna Clements, Valerie McCutcheon, Paul Cranner, Ryan Henderson, and Kevin Ginty

Investigations as Research Objects Within Facilities Science .................. 127
Brian Matthews, Vasily Bunakov, Catherine Jones, and Shirley Crompton

Second International Workshop on Supporting Users Exploration of Digital Libraries

Supporting Information Access and Sensemaking in Digital Cultural Heritage Environments ........................................ 143
Paula Goodale, Paul Clough, Mark Hall, Mark Stevenson, Kate Fernie, and Jillian Griffiths

The CULTURA Portal: Exploring Cultural Treasures ............................... 155
Gary Munnelly, Cormac Hampson, Seamus Lawless, and Owen Conlan

The Tony Hillerman Portal: Providing Content Enrichment and Digital Access to Archival Manuscripts ...................... 159
Kevin J. Comerford

Doing More with Named Entities: Turning Text into a Linked Data Hub ... 163
Theo van Veen and Michel Koppelaar

Implementing Recommendations in the PATHS System ......................... 169
Paul Clough, Arantxa Otegi, Eneko Agirre, and Mark Hall

From Access to Use: Premises for a User-Centered Quality Model for the Development of Archives Online ...................... 174
Pierluigi Feliciati and Alessandro Alfieri

Sound of the Netherlands: Towards a Pan-European Collection of Sounds... 180
Lizzy Komen and Johan Oomen

eCultureMap – Link to Europeana Knowledge ................................... 184
Franc J. Zakrajšek and Vlasta Vodeb

An Image Similarity Search for the European Digital Library and Beyond ... 190
Sergiu Gordea

Talking with Scholars: Developing a Research Environment for Oral History Collections .................................... 197
Max Kemman, Stef Scagliola, Franciska de Jong, and Roeland Ordelman
## Contents

**Moving Beyond Technology: iSchools and Education in Data Curation:**  
**Is Data Curator a New Role?**

Training in Data Curation as Service in a Federated Data Infrastructure -  
The *FrontOffice–BackOffice Model.*  
Ingrid Dillo, Rene van Horik, and Andrea Scharnhorst  

Putting Museums in the Data Curation Picture  
Joyce Ray  

Sustainability: An Unintended Consequence of the Integration of Digital Curation Core Competencies into the MLIS Curricula.  
Patricia C. Franks  

Research Center Insights into Data Curation Education and Curriculum  
Matthew S. Mayernik, Lynne Davis, Karon Kelly, Bob Dattore,  
Gary Strand, Steven J. Worley, and Mary Marlino  

**Author Index**  

205  
216  
226  
239  
249
Theory and Practice of Digital Libraries -- TPDL 2013
Selected Workshops
LCPD 2013, SUEDL 2013, DataCur 2013, Held in Valletta, Malta, September 22–26, 2013. Revised Selected Papers
Bolikowski, L.; Casarosa, V.; Goodale, P.; Houssos, N.; Manghi, P.; Schirrwagen, J. (Eds.)
2014, XV, 250 p. 72 illus., Softcover
ISBN: 978-3-319-08424-4