

## Preface

These proceedings contain the reviewed papers presented at the 20th International Conference on Theory and Practice of Digital Libraries (TPDL), which was held in Hannover, Germany, during September 5–9, 2016. The L3S Research Center and the German National Library of Science and Technology (TIB) organized the conference.

The TPDL conference constitutes a leading scientific forum on digital libraries that brings together researchers, developers, content providers, and users in the field of digital libraries.

The 20th conference in the series of ECDL/TPDL conferences is a milestone in the professional activity of the digital library community in Europe. Digital library research and technology are becoming mainstream. Information creation, acquisition, access, processing, distribution, evaluation, and preservation are no longer possible without the methods and technologies developed in our field.

Our community in Europe is rapidly changing. Great “pioneers” of the domain are now retiring, and newcomers are creating productive research atmosphere in which our community members meet with representatives of other communities. For the first time, the conference included two additional tracks on “Digital Humanities” and “e-Infrastructures,” opening our door to these neighboring communities.

This year’s lead topic at the conference was “Overcoming the Limits of Digital Archives” with a clear intention to absorb the problems of other domains in which techniques and technologies of digital archiving could be truly challenged.

From the 93 papers submitted to the conference, 46 long papers and 13 short ones belonged to the main conference track; also, nine papers were submitted for the Digital Humanities track, and five papers to the e-Infrastructures track. The Program Committee accepted 28 full papers and eight short papers. Furthermore, five posters were accepted.

In addition to these papers and posters, we also invited three keynote speakers: Jan Rybicki (Jagiellonian University, Kraków, Poland), Tony Veale (University College Dublin, Ireland), and David Bainbridge (University of Waikato, and Director of the New Zealand Digital Library).

The conference program also included a Doctoral Consortium, and three tutorials on “Introduction to Fedora 4,” “Building Digital Library Collections with Greenstone 3,” and “Text Mining Workflows for Indexing Archives with Automatically Extracted Semantic Metadata.” Finally, three workshops were organized in conjunction with the main conference: “Videos in Digital Libraries: What’s in it for Libraries, Publishers, and Scientists?” “NKOS – 15th European Networked Knowledge Organization Systems,” and the “First International Workshop on Reproducible Open Science (RepScience2016).”

The success of TPDL 2016 is a result of the collegial teamwork of many individuals, who worked tirelessly to make the conference a top research forum. We acknowledge and thank the Program Committee members and the Program Committee Chairs for

their extraordinary efforts in assembling this outstanding program: Gerhard Lauer and Milena Dobрева (Digital Humanities Track Chairs), Tobias Blanke and Laurent Romary (eInfrastructure Track Chairs), Stefan Rüger and Hannu Toivonen (Creativity and Multimedia Chairs), Heiko Schuldt and Peter Löwe (Workshops Chairs), Wolf-Tilo Balke (Panels Chair), Fabio Crestani and Adam Jatowt (Poster and Demonstration Chairs), Ingo Frommholz (Tutorial Chair), and Kjetil Nørvåg (Doctoral Consortium Chair). We would especially like to thank Uwe Rosemann, who served as the honorary chair.

We also express our deep appreciation of the outstanding work put in over many months by Nattiya Kanhabua (Publicity Chair), Gerhard Gossen (Publication Chair), and the local organization team comprising Marion Wicht, Nicole Petri, Katrin Hanebutt, and Miroslav Sheltev. Without their tireless efforts, this conference would not have been a success. We are also thankful to the many student volunteers from Leibniz University Hannover and L3S Research Center.

In addition, there are many other individuals whose contributions we warmly acknowledge. We benefited greatly from the sage advice provided by José Borbinha (TPDL Steering Committee Chair) and the fruitful discussions with the TPDL Steering Committee members.

We warmly acknowledge the financial support of our corporate sponsors: Elsevier B.V. (at the gold level) and Ex Libris (at the bronze level).

Finally, we thank all the authors, presenters, and participants of the conference. We hope that you enjoy the conference proceedings.

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