

Preface

The Italian Research Conference on Digital Libraries (IRCDL) is an annual event for the Italian research community, both on the computer science and on the humanities side, interested in digital libraries, digital cultural heritage, and related topics. The IRCDL conferences were launched in 2005 by Maristella Agosti and Costantino Thanos and initially sponsored by DELOS, an EU FP6 Network of Excellence on digital libraries together with the Department of Information Engineering of the University of Padua. Over the years, IRCDL has become a self-sustainable event supported by the Italian Digital Library Research Community.

This edition followed the road designed by the previous editions, with a focus on the multidisciplinary nature of research on digital libraries, which not only ranges from humanities to computer science but also crosses over areas in the same field ranging, for example, from archival to librarian sciences or from information systems to human-computer interaction.

This volume contains the revised accepted papers from among those presented at the 13th Italian Research Conference on Digital Libraries (IRCDL 2017), which was held at the Department of Engineering Enzo Ferrari of the University of Modena and Reggio Emilia, during January 26–27, 2017.

The recognized scope of IRCDL is to bring together the Italian research community interested in the diversified methods and techniques that allow the building and operation of digital libraries. A national Program Committee was set up composed of 28 members, with representatives of the most active Italian research groups on digital libraries.

Of the original 25 submissions, after receiving three reviews per paper, 20 papers were presented to the conference and 15 were accepted for extension after a further rebuttal stage. The covered topics are related to the different aspects that need to support information access and interoperability, including:

- Multimedia digital libraries
- Algorithms and techniques for automatic content analysis
- System interoperability and data integration
- Data integration between galleries, libraries, archives, and museums (GLAM)
- Ontologies and linked data for digital libraries
- Metadata creation, management, and curation
- Information access, usability, and personalization
- Social networking and networked information
- Education and learning
- Evaluation of research quality and impact (including novel metrics)
- Exploitation of digital cultural heritage collections

In addition to the presentations of the accepted papers, the program of IRCDL 2017 featured two keynote talks. The first keynote talk was given by Simona Caraceni of the

Visit-Lab of the Department of Supercomputing, Applications and Innovation of Cineca; it was entitled “Virtual Heritage: An Open Pipeline” and focused on the powerful combination of supercomputing resources and virtual reality applied to improve the creation and presentation of cultural heritage collections. The second invited speaker was instead Marcello Pellacani, director of Expert System UK, who provided examples of the real-world application of the power that semantic relations may give to the data analysts. His talk “Semantics for Digital Libraries” presented strategies for text mining, topic extraction, semantic search, content recommendation, and linked data connections.

IRCDL 2018, the 14th edition of IRCDL, will be held at Palazzo di Toppo Wassermann in Udine during January 25–26, 2018.

We would like to thank those institutions and individuals who made the conference and this volume possible. In particular, we would like to thank the Program Committee members, the Steering Committee members, the authors, and the Department of Engineering Enzo Ferrari of the University of Modena and Reggio Emilia.

August 2017

Costantino Grana
Lorenzo Baraldi

Digital Libraries and Archives

13th Italian Research Conference on Digital Libraries,

IRCDL 2017, Modena, Italy, January 26-27, 2017,

Revised Selected Papers

Grana, C.; Baraldi, L. (Eds.)

2017, X, 199 p. 70 illus., Softcover

ISBN: 978-3-319-68129-0