



## Preface

We are proud to present to you the peer-reviewed papers and posters accepted for presentation at the Dublin Core Metadata Initiative International Conference on Dublin Core and Metadata Applications 2019 (DCMI 2019), held in Seoul, South Korea, 23-26 September 2019. This is the 19<sup>th</sup> DCMI international conference and the second DCMI conference held at the National Library of Korea.

The DCMI conference brings together researchers, developers, and practitioners in the field of metadata. This year's theme was "Innovation in metadata design, implementation & best practices: challenges and opportunities in the data-intensive world". Metadata has never been more crucial than today. In a data-intensive, data-dependent, and data-driven culture, metadata has become one of the underpinnings for a digital data era. Fashionable fields such as linked (open) data, research data, new artificial intelligence, machine learning, digital humanities and open science are dependent on high quality metadata to operate and perform effectively. Besides supporting information and data management, discovery, sharing, conservation, and reuse, metadata has become an invaluable source for analytics and knowledge discovery. The parallel growth of data and metadata offers new challenges and opportunities for the metadata community to rethink and reposition metadata research and practice in order to stay ahead of the next wave of developments in data-driven environments and cultures.

Our three keynote speakers have embodied this year's focus. Young Man Ko talked about extracting ontologies from terminological databases, which can be used to index databases for retrieval and to mine informal big data through the application of well-defined semantic concepts. Karen Coyle opened an old topic of gathering and providing for users a complete collection of recorded knowledge in libraries and other warehouses of data and called for a human- rather than a thing-centered approach in their design. Javed Mostafa addressed the problem of information overload for scholars, and proposed a model to enhance the full scholarly information life-cycle using IT.

At the DCMI 2019 conference, the seventeen papers and two panels selected by the Program Committee were organized according to the areas of: Metadata Analysis and Assessment; Metadata in Specific Contexts; Metadata Application Profiles (Current initiatives, Development and Implementation); Linked [meta]Data; Working with Wikidata; and Metadata Supporting Digital Humanities. Eight posters were presented in a special event as well as displayed through the whole conference, as an attempt to demonstrate the diversity of work in progress. A special session was organized for Teaching Information Science. Contributors and attendees came from nineteen countries.

Participating in DCMI at post-conference programs has always been an excellent way to engage with the community. This year, additional programs included a full day Networked Knowledge Organization Systems (NKOS) Workshop, with ten presentations, a Doctoral Forum (which received ten submissions and gave three awards), and two tutorials (Wikidata as a Hub for the Linked Data Cloud and Introduction to Jupyter Notebooks). This year's community events were enriched by a dedicated Hack Day and a new Best Practice Showcase Day, in addition to the Open Community meeting. The Hack Day focused on Application Profiles, FAIR data principles, Wikidata, and Wikibase. The Best Practice Day, given for the first time at DCMI conference, had sixteen plenary

presentations by invited speakers representing ten countries (including developed and developing countries) and several national and international organizations.

The success of DCMI 2019 was a result of the teamwork of many individuals. We would like to thank the Content and Presentations Program Committee members for their careful assessment of submitted contributions, the Participation Activities Program Committee, the Doctoral Forum Program Committee chaired by Jian Qin, and the local organization team from the National Library of Korea. The chairs of the sessions did excellent jobs in monitoring the presentations as well as the rich Q&A and discussions. In addition, we warmly acknowledge the financial support of our sponsors, PoolParty Semantic Suite and Taxonomy Strategies. Our most sincere thanks go to the National Library of Korea, which provided not only remarkable facilities but also amazing tours of the Library and a dedicated support team.

October 2019

Koraljka Golub

Marcia Zeng

Paul Walk

Sam Oh

Tom Baker

## ORGANIZING COMMITTEE

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## **WORKSHOPS**

- DC-1**, Dublin, Ohio USA: 1-3 March 1995
- DC-2**, Warwick, UK: 1-3 April 1996
- DC-3**, Dublin, Ohio, USA: 24-25 September 1996
- DC-4**, Canberra, Australia: 3-5 March 1997
- DC-5**, Helsinki, Finland: 6-8 October 1997
- DC-6**, Washington, D.C., USA: 2-4 November 1998
- DC-7**, Frankfurt, Germany: 25-27 October 1999
- DC-8**, Ottawa, Canada: 4-6 October 2000

## **CONFERENCES**

- DC-2001**, Tokyo, Japan: 22-26 October 2001
- DC-2002**, Florence, Italy: 14-17 October 2002
- DC-2003**, Seattle, Washington, U.S.A.: 28 September - 2 October 2003
- DC-2004**, Shanghai, China: 10-14 October 2004
- DC-2005**, Leganés (Madrid), Spain: 12-15 September 2005
- DC-2006**, Manzanillo, Colima, Mexico: 3-6 October 2006
- DC-2007**, Singapore: 27-31 August 2007
- DC-2008**, Berlin, Germany: 22-26 September 2008
- DC-2009**, Seoul, Korea: 12-16 October 2009
- DC-2010**, Pittsburgh, Pennsylvania, USA: 20-22 October 2010
- DC-2011**, The Hague, The Netherlands: 21-23 September 2011
- DC-2012**, Kuching, Sarawak, Malaysia: 3-7 September 2012
- DC-2013**, Lisbon, Portugal: 2-6 September 2013
- DC-2014**, Austin, Texas, USA, 8-11 October 2014
- DC-2015**, São Paulo, Brazil: 1-4 September 2015
- DC-2016**, Copenhagen, Denmark: 13-16 October 2016
- DC-2017**, Washington, DC, USA: 26-29 October 2017
- DC-2018**, Lisbon, Portugal: 10-13 September 2018
- DC-2019**, Seoul, South Korea: 23-26 September 2019

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