

Introduction to the Joint TPDL / Dublin Core 2018 Doctoral Consortium (JTDC 2018)

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This special issue of the Bulletin of IEEE Technical Committee on Digital Libraries presents the papers written by the students that had participated in the Joint TPDL / DCMI 2018 Doctoral Consortium (JTDC 2018), held in September 10th in Porto, Portugal.

JTDC 2018 was the Joint Doctoral Consortium of the conferences TPDL 2018 (Theory and Practices of Digital Libraries) and DCMI 2018 (Dublin Core).

The purpose was to provide to Ph.D. students a friendly and lively atmosphere for sharing research ideas and experience with peers, while receiving constructive feedback from senior researchers and scholars. JTDC 2018 followed an important TPDL tradition that aims at giving next generation researchers a chance to present their work to the digital libraries' community. This year that was also extended to the DCMI community, taking advantage of the opportunity created by the joint organization of the two conferences.

Six students participated in the JTDC 2018. The participating students were selected by a Panel of senior researcher, based on position papers submitted by the students. The selected students had an opportunity to revise their papers considering the initial reviews, which were then presented and discussed during the JTDC 2018 workshop held during a full morning. Finally, for publication in this issue of Bulletin of IEEE Technical Committee on Digital Libraries, students had one more opportunity to revise their papers, based on the feedback received during the workshop.

Of the six students, three presented challenges related to metadata (Joana Rodrigues, Chiranthi Wijesundara and Yulia Karimova) and three related to semantic modelling (Philippe Tamla, Andreea Macovei and João Cardoso). Concerning the domains of motivation and application, two students are scoping their work in the domain of cultural heritage (Joana Rodrigues and Chiranthi Wijesundara), two in research data (Yulia Karimova and João Cardoso), and the others in gaming ecosystems (Philippe Tamla) and literally texts (Andreea Macovei).

The JTDC 2018 had the active participation of the following Panel, comprising senior researchers in the domain of digital libraries and metadata:

- Ana Alice Baptista, University of Minho, Portugal (co-chair, on behalf of the DCMI)
- Gema Bueno, University of Zaragoza, Spain
- Hussein Suleman, University of Cape Town, South Africa
- José Borbinha, INESC-ID, IST, Universidade de Lisboa, Portugal (co-chair, on behalf of the TPDL)
- Kai Eckert, Stuttgart Media University, Germany
- Maja Žumer, University of Ljubljana, Slovenia
- Marcia Zeng, Kent State University, USA
- Mariana Malta, Polytechnic of Oporto, Portugal
- Perla Innocenti, University of Northumbria at Newcastle, UK
- Pertti Vakkari, University of Tampere, Finland