

Digital Humanities and Digital Curation

Ernesto William De Luca¹ and Paolo Bianchini²

¹*Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research*

²*Università degli Studi di Torino*

The first Workshop on Digital Humanities and Digital Curation (DHC 2016)¹ was co-located with the 10th Conference on Metadata and Semantics Research (MTSR 2016) in Göttingen, Germany. It took place on the November 22, 2016.

Ontologies are the central components of semantic tools and have been present in the art and cultural area for some time. For instance, the CIDOC Conceptual Reference Model (CRM) supports the integration, communication and the exchange of differently structured information from the cultural heritage field. Meanwhile, there are some projects that already use these semantic technologies. For instance, a project of the British Museum (<http://collection.britishmuseum.org>), allows the collection of all available data as Linked Open Data (LOD). Also, the implemented EU project Europeana (<http://www.europeana.eu/portal/>) focuses on the global accessibility of cultural information as LOD. According to the EU Commission, a prominent role for the future of the European knowledge and information society is played by sharing the electronic content. In 2009, the German Federal Government had decided to create a German Digital Library (Deutsche Digitale Bibliothek, www.deutsche-digitale-bibliothek.de), which should link numerous German cultural and scientific facilities and integrate them at European level in the Europeana.

In the 1st edition of the workshop we focus on the integration notions of metadata and semantic research into digital humanities and digital curation. By allocating the workshop to the 10th conference on Metadata and Semantics Research (MTSR 2016), we know that the workshop would gain a new audience and insight to how semantic technologies are used.

In the scope of the DHC workshop, we saw the need of discussing the role of semantics and metadata in combination with the personalization and adaptation of information and knowledge. The aim of the DHC Workshop was to invite the community to a discussion in which we will try to find new creative ways to handle semantic technologies in cultural heritage, especially in digital humanities and digital curation. Furthermore, DHC aimed at improving the exchange of ideas between different communities involved in research concerning, among other history, educational science, digital humanities, visualization, machine learning, information retrieval, data mining, hci, etc. The workshop was especially intended for researchers working on multidisciplinary tasks who want to discuss problems and synergies.

The topics of interest included the following aspects:

- Humanities and Digital Curation
- Semantic-based data mining and information retrieval
- Semantic-based profiling, clustering and collaborative filtering
- Use of Semantic-based technologies in cultural heritage
- Information Discovery Systems and Recommendations
- Using Text Corpora for Digital Humanities
- Classification Schemes, Taxonomies, and Categorization Schemes
- Thesauri, Semantic Networks and Ontologies
- Knowledge Modeling and Engineering
- Automatic Categorization and Indexing
- Big Data and Digital Humanities
- Visualization, Digital Curation and Digital Humanities

¹ <http://www.mtsr-conf.org/index.php/workshops-2016>

Organizing Committee

Ernesto William De Luca

Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research
Head of Department "Digital Information and Research Infrastructures"
Celler Straße 3, 38114 Braunschweig
E-Mail: deluca@leibniz-gei.de

Paolo Bianchini

Università degli Studi di Torino
Professor of History of Education - Department of Philosophy and Science of Education
Research Center for digitization and creation of digital libraries for the humanities
E-Mail: paolo.bianchini@unito.it

Program Committee Members

- Maret Keller, Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research, Brunswick
- Elena Gonzalez-Blanco, Universidad Nacional de Educación a Distancia, Madrid
- Steffen Hennicke, Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research, Brunswick
- Ana Garcia-Serrano, ETSI Informatica – UNED, Madrid
- Andreas Weiß, Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research, Brunswick
- Philipp Mayr, GESIS, Cologne
- Lena-Luise Stahn, Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research, Brunswick
- Andrea Turbati, University of Rome Tor Vergata, Rome
- Christian Scheel, Georg-Eckert-Institute – Leibniz-Institute for international Textbook Research, Brunswick
- Armando Stellato, University of Rome, Tor Vergata, Rome
- Wolf-Tilo Balke, Institut für Informationssysteme, TU Braunschweig
- Andreas Lommatzsch, TU Berlin
- Ivo Keller, TH Brandenburg
- Gabriela Ossenbach, UNED Madrid