

Édition critique numérique

Workshop on **Scholarly Digital Editions**, Graph Data-Models and Semantic Web Technologies

Université de Lausanne
3-4 June 2019
<https://wp.unil.ch/graphsde>


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FONDS NATIONAL SUISSE
DE LA RECHERCHE SCIENTIFIQUE

In collaboration with
University of Bologna, Digital Humanities and Digital Knowledge (**DHDK**)
University of Bologna, Digital Humanities Advanced Research Center (**IDH.ARC**)
Lausanne Laboratory for Computational and Statistical Text Analysis (**LLIST**)
UNIL, Section des sciences du langage et de l'information (**SLI**)

Scientific organization: Francesca Tomasi (University of Bologna) and Elena Spadini (UNIL)



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA


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Monday, 3 June

9h00 – 10h00. Registration and Introduction

10h00 – 11h00. Session I

Francesca Tomasi (Università di Bologna). From hypertextual documents to linked data. The key challenges of knowledge organization in semantic digital editing

Elena Spadini (UNIL). Which Resources for Which Editions: Modelling the Relationships between Documents

11h30 – 13h00. Session II

Georg Vogeler (University of Graz). “Standing-off trees and graphs”: on the affordance of technologies for the edition

Colin Sippl (University Library of Regensburg), **Manuel Burghardt** (Universität Leipzig), **Christian Wolff** (Universität Regensburg). Digital Editions as a Graph – Modelling Cross-document Interdependencies in Medieval Charters of the St. Katharinenhospital in Regensburg

Toby Burrows, Athanasios Velios, Matthew Holford, David Lewis, Andrew Morrison, Kevin Page (University of Oxford). Transforming TEI Manuscript Descriptions into RDF Graphs

14h30 – 15h30. Session III

Hans Cools, Roberta Laura Padlina (University of Basel - NIE/INE). Formal Semantics for Scholarly Editions

Matteo Romanello (EPFL), **Hugh Cayless** (Duke University). Towards Resolution Services for Text URIs

16h00 – 17h30. Session IV

Ronald Haentjens Dekker (KNAW-HuC). Text Encoding as an Act of Knowledge Representation

Maïeul Rouquette, Violeta Seretan (UNIL). Using Hypergraphs for Storing Critical Edition Data

Francesca Giovannetti (Università di Bologna). TEI's Critical Apparatus as a Semantic Graph: A Modelling Proposal

Tuesday, 4 June

9h00 – 10h30. Session V

Tobias Schweizer and Sepideh Alassi (University of Basel – DH Lab). Bernoulli, Euler, Newton: Representing Historical Mathematical Texts and their Relations as a Graph

Nicola Carboni (University of Zurich), **Susanne Müller, Maurizio Ghelardi** (Scuola Normale Superiore). Towards a Foundation for Documenting Digital Textual Resources with CIDOC-CRM

Andreas Kuczera, Iain Neill (Academy of science and literature, Mainz), **Julian Jarosch** (Johannes Gutenberg University Mainz). SPEEDy – a dynamic Standoff PropErty Editor

11h00 – 12h30. Session VI

Michele Pasin (Digital Science – Springer Nature). Modeling publications in SN Scigraph: a tale of performance, scalability, usability and expressiveness

Peter Boot, Marijn Koolen (KNAW-HuC). Connecting TEI Content into an Ontology of the Editorial Domain

Stefan Dumont (Berlin-Brandenburg Academy of Sciences and Humanities). Using Semantic Web Technologies in Digital Editions for the History of Science

14h00 – 15h00. Session VII

Miller Prosser, Sandra Schloen (University of Chicago). The Power of OCHRE's Highly Atomic Graph Database Model for the Creation and Curation of Digital Text Editions

Stefan Münnich (University of Basel). Scholarly Musical Editions as Graph: Semantic Modelling of the Anton Webern Gesamtausgabe

15h30 – 17h00. Session VIII
Working groups

17h00 – 17h30. Conclusions