

# Edition 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)



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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