

Tobias SCHWEIZER

PERSONAL DATA

PLACE AND DATE OF BIRTH: Basel, Switzerland | August 3rd 1980

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WORK EXPERIENCE

- Current* Postdoc at DIGITAL HUMANITIES LAB, University of Basel
Responsible for the preparation of the research project Bernoulli-Euler Online (BEOL). BEOL aims at integrating the two edition projects *Basler Edition der Bernoulli-Briefwechsel* (BEBB) and *Leonhardi Euleri Opera Omnia* (LEOO) into one digital platform available on the web, based on Knora/SALSAH. In addition, Jacob Bernoulli's scientific notebook *Meditationes* will be published, offering a multilayer access to the user (facsimile, transcription, critical text, translations, indices, and commentaries). Besides being an edition, BEOL will be a research platform for the study of early modern mathematics and science.
- OCT 2015 - NOV 2015 Visiting researcher at MAX PLANCK INSTITUTE FOR HISTORY OF ART, Florence, Italy
- APR 2010 - MAY 2015 Assistant at DIGITAL HUMANITIES LAB, University of Basel
Technical development of the virtual research environment Knora/SALSAH: graphical user interface (HTML5/CSS3, JavaScript, AJAX, creation of jQuery plugins), access layers to remote repositories (e-codices and e-manuscripta), Knora API (RDF/S, OWL, SPARQL, Scala); support of associated research projects using Knora/SALSAH (data modelling), support in teaching of Prof. Dr. Lukas Rosenthaler.
- SEPT 2008 - MAR 2010 Developer at CAB AG SERVICES, Basel
Technical realization of websites, development of Typo 3 extensions, technical support of customers.
- FEB 2006 - FEB 2009 Assistant at Demand Management International MEPHA LTD., Aesch
Analysis of sales and support in production planning

EDUCATION

- APR 2010 - APR 2014 PHD IN HISTORY at University of Basel
Thesis: "Critical Editions in Digital Media: Theory, Methodology, Practice" *summa cum laude*
Advisors: Prof. Dr. Achatz VON MÜLLER, Prof. Dr. Lukas ROSENTHALER
The thesis focuses on the usage of facsimiles in critical editions both in print and digital media. The role of the facsimile in German philology - exemplified by the Frankfurt Hölderlin edition - is being compared to the current digital practice of editing mainly based on the Text Encoding Initiative (TEI). The thesis presents an approach for digital editing that takes into consideration the importance of facsimiles in current philology.
- SEPT 2005 - DEC 2005 ERASMUS term at University of Helsinki, Finland
- JUL 2004 - OCT 2004 INTERNSHIP at Digital Humanities Lab (at that time: Department of Image and Media Technologies)
- OCT 2001 - MAY 2008 STUDIES IN HISTORY, GERMAN LITERATURE AND COMPUTER SCIENCE FOR HUMANITIES SCHOLARS at University of Basel *insigni cum laude* (licentiate, equal to a Master of Arts)

SCHOLARSHIPS

- JUN 2015 - FEB 2016 Scholarship for outstanding junior researchers by the RESEARCH FUND JUNIOR RESEARCHERS of the University of Basel
Preparation of the research project Bernoulli-Euler Online (BEOL).

TECHNICAL SKILLS

- Web Technologies: HTML5/CSS3, JAVASCRIPT (jQuery plugin development), AJAX
Semantic Web: RDF(S), OWL, SPARQL
Databases: MYSQL, RDF-TRIPLESTORES
Programming Languages: SCALA, PYTHON, PHP, JAVA (basic knowledge), C (basic knowledge)
Operating Systems: LINUX (Debian, Ubuntu), MAC OS X
Markup Languages: \LaTeX , XML

LANGUAGES

- GERMAN: Mother tongue
ENGLISH: Fluent
ITALIAN: Fluent
FRENCH: Good Knowledge