Increased interoperability by linking and standardizing historical data

**Goals**
- platform for historical research data
- norm data for historical entities
- toolbox for linking and managing data
- increased interoperability

**Norm Data**
- authority files: curated, standardized, reliable
- persistent identifier
- norm data consisting of a defined set of mandatory attributions
- semantic data model
- ontology-based on CIDOC-CRM
- typology: hierarchical structure, SKOS-readable
- historically precise and versatile data

**Linking Tools**
- tools for linking databases
- semi-automated generated links
- widget: easy to implement, costumized
- data control remains with the owner
- toolbox: user-oriented
- browser-based solutions for open source tools
- high-performance linking tools

**About**
- histHub is... a cooperation project by:
  - Dodis
  - part of the funding program "P-5: scientific information" mandated by swissuniversities
  - funded for 2016-2019 with 4.7 Mio. CHF, thereof 2.4 Mio CHF own contributions
  - divided into three subprojects (net, norm, central services)
  - combines 20+ programmers, software engineers, computer linguists, data experts, historians and linguists in four locations
- histHub is... open for collaboration... open data... open source
- histHub c/o HLS Hirschengraben 11 Postfach 3001 Bern
- info@histhub.ch
- www.histhub.ch

**Offer**
- Norm Data and Linked Data: Persons, Places, Organizations, and Concepts
- Importer: import tool for the norm-database
- MetaGrid: linking tool for personal data
- GeoLocater: linking tool for location data
- Thesaurus Manager: tool to create and manage typologies
- histLab: Environment for data experiments, integrating open source tools

**Data**
- Ontological data model for Persons and Places
- histHub-places typology
- histHub-occupation typology

**Tools**
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**Resources**
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**Postersession Workshop DARIAH-CH | 29-30th November 2018
University of Neuchâtel
Poster by: histHub | Dr. Alban Frei, Managing Director
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**Max Petitpierre**
- 1899-1994, Federal Council
- Where to search, what to find?
- increasing variety of databases: GND, HLS, Dodis, Helveticat, Elite suisses ...
- excessive vs. incomplete information
- redundancies
- data silos
- unstable links

**HistHub-Day • 1st of February 2019
Bern | Haus der Universität
Hands-on Session: experimenting with data and tools from histHub
Presentation: results of the build-up phase
Roundtable: challenges and perspectives of research infrastructures in the humanities
Apéro
register now on: www.histhub.ch

**Problem:** identification

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**HistHub-places typology**
- Hartmann IV. von Werdenberg-Sargans
  - first mention 1350, death 1416
  - Bishop of Chur 1388-1416, Earl
  - likelihood of confusion: Hartmann II. von Werdenberg-Sargans (First mention: 1271, Last mention: 1282)

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