HELDIG Digital Humanities Summit 2020

Results of Today – Visions for Tomorrow

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Welcome to HELDIG Summit 2020!

- 10:00-10:15 HELDIG Summit 2020 Opening
- 10:15-12:15 HELDIG Professor Perspectives

- 12:15-13:00 Lunch Break

- 13:00-13:45 Other Perspectives to Digital Humanities
- 13:45-14:25 Digital Humanities Education and Infrastructures
- 14:25-14:55 New Research Centres Related to HELDIG

- 14:55-15:00 Coffee Break

- 15:00-16:00 Keynote: Semantic Enrichment …

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HELDIG Summit 2020 Opening

Prof. Hanna Snellman, Vice-Rector

HELDIG in a Turning Point

Results of Today – Visions for Tomorrow

Prof. Eero Hyvönen, director
University of Helsinki and Aalto University
HELDIG – Helsinki Centre for Digital Humanities
Semantic Computing Research Group (SeCo)

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Ouline of Talk

- HELDIG as a Profiling Action
- Results of Today
- Visions for Tomorrow

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HELDIG as a Profiling Action

HELDIG Profiling Action 2016-2020

- Part of Academy of Finland Profi 2 Programme
- Main Ideas of Profiling
  - Support universities to renew themselves
    - » Create new openings
    - » “Select away” existing areas
  - Support coordination between universities nationally

- HELDIG funding 2016-2020 (with University of Helsinki) ca 10 MEUR
- Timeframe
  - 2016-2020 Initial start phase
  - 2021- Part of normal university activities
- In HELDIG: Focus on Establishing new Professorships

Metsätalo Head Quarters

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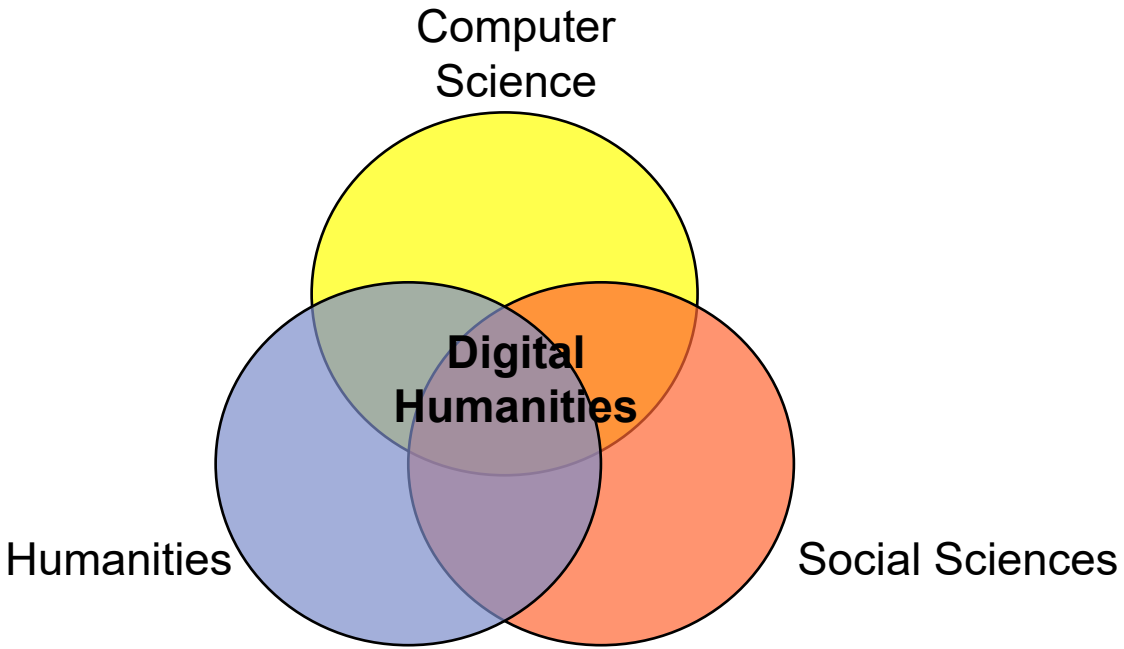
What is Digital Humanities?



1. Use & develop computational methods in H & SS
2. Study digitalization as a phenomenon

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Who is HELDIG?

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Six HELDIG Faculties in HELDIG

1. Faculty of Arts (coordinator)
2. Faculty of Educational Sciences
3. Faculty of Law
4. Faculty of Science
5. Faculty of Social Sciences
6. Faculty of Theology

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Eight New HELDIG Professors

- Prof. Krista Lagus
  (digital social science)

- Prof. Eetu Mäkelä
  (digital humanities and global interaction)

- Prof. Minna Ruckenstein
  (digital innovations and consumer society)

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- Prof. Petri Ihantola
  (big data learning analytics)

- Prof. Daria Gritsenko
  (Russian big data methodologies)

- Prof. Michael Mathioudakis
  (algorithmic data science for SSH applications)

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- Prof. Riikka Koulu
  (legal research on digitalization)

- Prof. Katja Valaskivi
  (religion and the digital world)

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HELDIG Core

- HELDIG Director
  Prof. Eero Hyvönen

- HELDIG Research Coordinator
  Dr. Jouni Tuominen

New Department of Digital Humanities Established

- Several areas and professorships
  - Language technology
  - Cognitive Science
  - Phonetics
  - HELDIG Centre
- Tens of Faculty Members
- Double-affiliated with HELDIG at will
- **Separate presentation in the afternoon**

HELDIG Network Established

[Photo ©: Timo Väänänen]

- Core at University of Helsinki
- Aalto University and other universities
- Other Finnish research organizations
- Memory Organizations
  - **Libraries:** National Library, Public Libraries,…
  - **Museums:** National Board of Antiquities, City Museums, …
  - **Archives:** National Archives, SKS, SLS, …
  - **Galleries:** National Gallery, …
- Media organizations: YLE, newspapers, ...
- Companies
- EU Research Infrastructure Initiatives
  - CLARIN, DARIAH
- International Academic Collaborations, …

Results of Today

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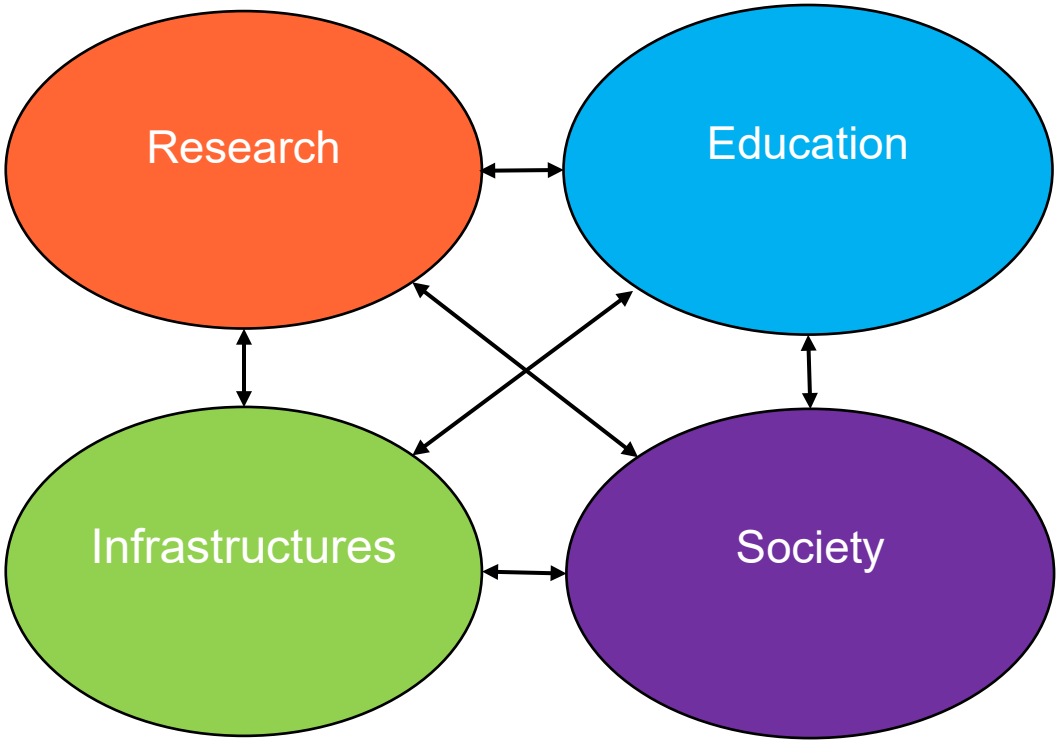
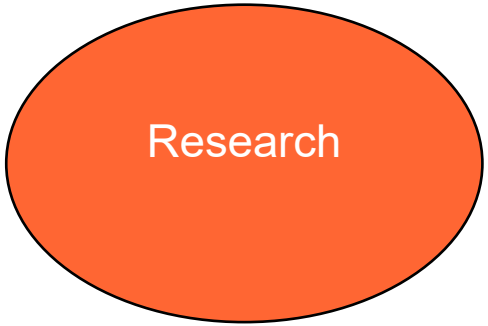
Mission: HELDIG Strategic Areas



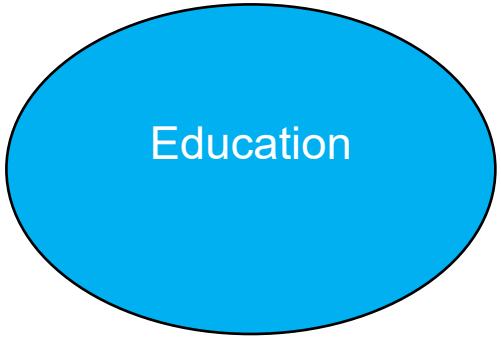

Research

Research Focus Areas

- New HELDIG Professorships
  - Human Sciences–Computing Interaction
  - Computational Social Science
  - Digital Social Science
  - Legal Research on Digitalization
  - Big Data Learning Analytics
  - Religion and the Digital World
  - Russian Big Data Methodologies
- Other Professorships at the new Department of Digital Humanities
  - Language Technology
  - Translation Technology
  - Phonetics
  - Computational History
  - Socio-Cognitive Systems
  - Cognitive Science
  - Semantic Computing, Semantic Web, and Linked Data

Morning Session Presentations

Afternoon Session Presentations


Education

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Digital Humanities Education Developed (2016-2020)

- Digital Humanities Curriculum at UH
- Learning materials
- Hackathons
- Events & conferences
- **Separate presentation in the afternoon**

HELDIG Events 2016–2020

http://heldig.fi/events

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2020

- May 27 – June 5: Helsinki Digital Humanities Hackathon 2020
- February 28: Hack4FI meets University of Helsinki
- January 13 – 14: Workshop "Words and Actions. Political text mining"

2019

- November 7: HELDIG Digital Humanities Summit 2019
- October 23 – 25: 19th Annual Aleksanteri Conference – Technology, Culture, and Society in the Eurasian Space
- October 23: DARIAH-FI workshop "Reuse & sustainability: Open Science and social sciences and humanities research infrastructures workshop"
- August 28: Finnish Artificial Intelligence Society FAIS Annual Meeting (registration form)
- May 15 – 24: Helsinki Digital Humanities Hackathon 2019
- May 3: Workshop on Digital Parliamentary Data and Research
- March 22: Roundtable: The Digital in Social Science History – Anything New?
- Feb 18: Workshop on Lexical Semantic Change
- Feb 1: Release seminar of NameSampo: Workbench for Toponomastic Research (in Finnish)

2018

- Dec 11 – 12: Does Intellectual History need Digital Humanities? 2nd Symposium on Computational Approaches to Intellectual History and the History of Philosophy
- Nov 7 – 8: UCLA Workshop on Digital Humanities
- Oct 23: HELDIG Digital Humanities Summit 2018
- Sep 27: Release seminar of BiographySampo: Finnish Biographies on the Semantic Web (in Finnish)
- Sep 10 – 11: (Politics of) Digital Humanities in Eastern European Studies Workshop
- May 23 – June 1: Digital Humanities Hackathon 2018
- Mar 7 – 9: Digital Humanities in the Nordic Countries (DHN 2018)
- Feb 9 – June 6: HELDIG Forum – several weekly presentations

2017

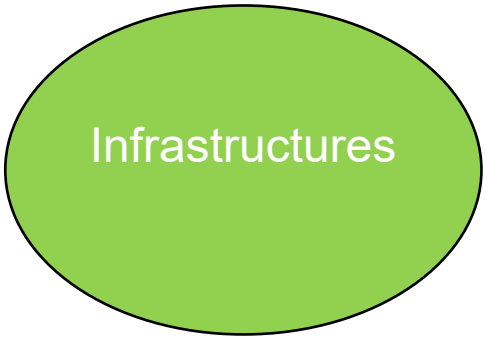
- Dec 18: DARIAH-FI? Workshop day for Arts and Humanities Research Infrastructures in Finland
- Dec 7: Hume, Rousseau, History and Method – workshop
- Oct 18: HELDIG Digital Humanities Summit 2017
- Aug 18–19: Second International Workshop on the History of Speech Communication Research – HSCR 2017
- Aug 16–17: Digitaalisen tiedon kesäkoulu
- May 15–19: Digital Humanities Hackathon 2017
- May 31: Never Mine the Mind? Symposium on computational approaches to intellectual history and the history of philosophy

2016

- Dec 8, 2016: Tietosuojaseminaari
- Dec 1-2, 2016: Building and Using Language Technology (BAULT) Symposium
- Dec 2, 2016: II vuosittainen Digihistoria Suomessa -konferenssi ja Kvantihistoria-symposium: "Kvantihistorian haasteet"
- Nov 30-Dec 1, 2016: #PHOS16 Philosophy and History of Open Science
- Nov 11, 2016: #HelsinkiDH Seminar: eTRAP project on text reuse and intertextuality
- Nov 10, 2016: Read työpaja
- Oct 5, 2016: HELDIG Kick-off Symposium
- Aug 22-24, 2016: Digitaalisen tiedon kesäkoulu
- May 16-20, 2016: Digital Humanities Hackathon 2016 (#DHH16)
- Apr 20, 2016: Digital Humanities in Cultural Heritage Research

HELDIG Summits

- HELDIG Kick-off 5.10.2016
- HELDIG Summit 18.10.2017
- HELDIG Summit 23.10.2018
- HELDIG Summit 7.11.2019
- HELDIG Summit 11.12.2020


Infrastructures

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Infrastructures

- Language Technology
- Corpus Linguistics
- Terms, vocabularies, and Ontologies
- Linked Open Data Infra for Digital Humanities (LODI4DH)
- Newpapers, bibliographies, …
- Legislation and Case Law as Linked Data (Semantic Finlex)
- Parliamentary Linked Data
- Data services, e.g., Linked Data Finland LDF.fi
- EU Level Infrastructures: CLARIN & DARIAH

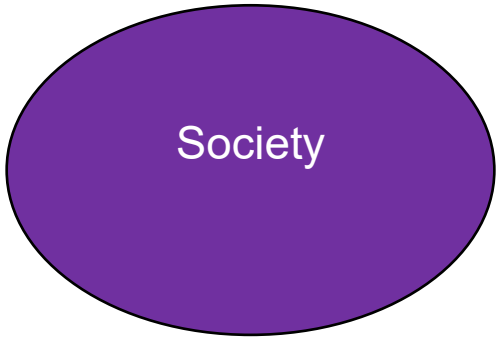
- **Presentations in the afternoon**

FIN-CLARIN

Hipla.fi

SF

DARIAH-ERIC
Digital Research Infrastructure
for the Arts and Humanities


Society

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- Professors participating in societal discussions
- Legal matters of the Digital Age
  - Privacy, copyright, AI based decision making, …
- Open Data Movement
- My Data Movement
- Open Science Movement
- Cultural Heritage Applications for the General Public
  - Sampo-portal series

- **More about these activities during the Summit**

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Visions for Tomorrow

Work Continues in New Professorships and Centres 2021-

- HELDIG professorships continue funded by the faculties
  - Their visions will be presented in separate talks
- HELDIG Core at Faculty of Arts
  - Continues as part of the Department of Digital Humanities 2021-
  - Run by the members of the faculty
- Tsunami of New Research Centres Insprired by HELDIG
  - **Center for Social Data Science (CSDS)**
    - HELDIG Prof. Krista Lagus
  - **Legal Tech Lab**
    - HELDIG Prof. Riikka Koulu
  - **Helsinki Institute for Social Sciences and Humanities**
    - HELDIG Dean Prof. Hannu Nieminen
  - Helsinki Centre for Data Science (HiDATA)
    - Several HELDIG profs in steering committee

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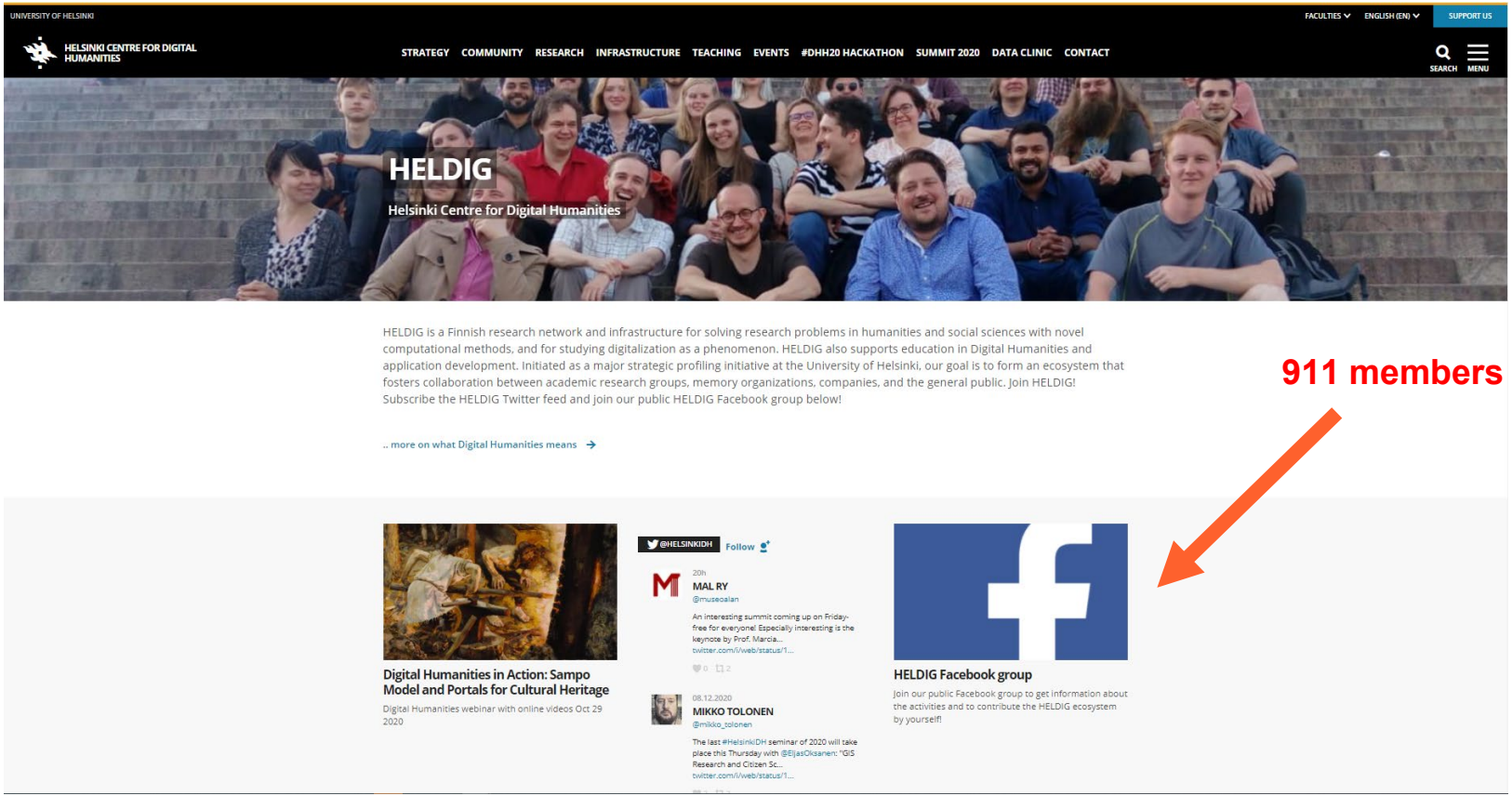
Stay tuned: http://heldig.fi



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Summary of Major Outcomes of HELDIG (Personal View)

- Digital Humanities established at the University of Helsinki
  - Now a major discipline of its own with an identity
  - Injection of the natural sciences paradigm and practices into humanities
- Department of Digital Humanities established
  - A guarantee for sustainability
- The HELDIG Network is up and running
  - In Finland and internationally
- Encouraged researchers for interdisciplinary research
  - New research opportunities and funding
- Educational curriculum in Digital Humanities established
- Digital Humanities infrastructures developed and in use
  - With EU level connections to CLARIN and DARIAH
- Applications developed with lots of users on the Web