CLARIN
Knowledge Centre of Lund University Humanities Lab (CLARIN-HUMLAB)
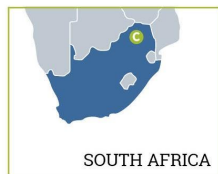
Contact: johan.frid@humlab.lu.se
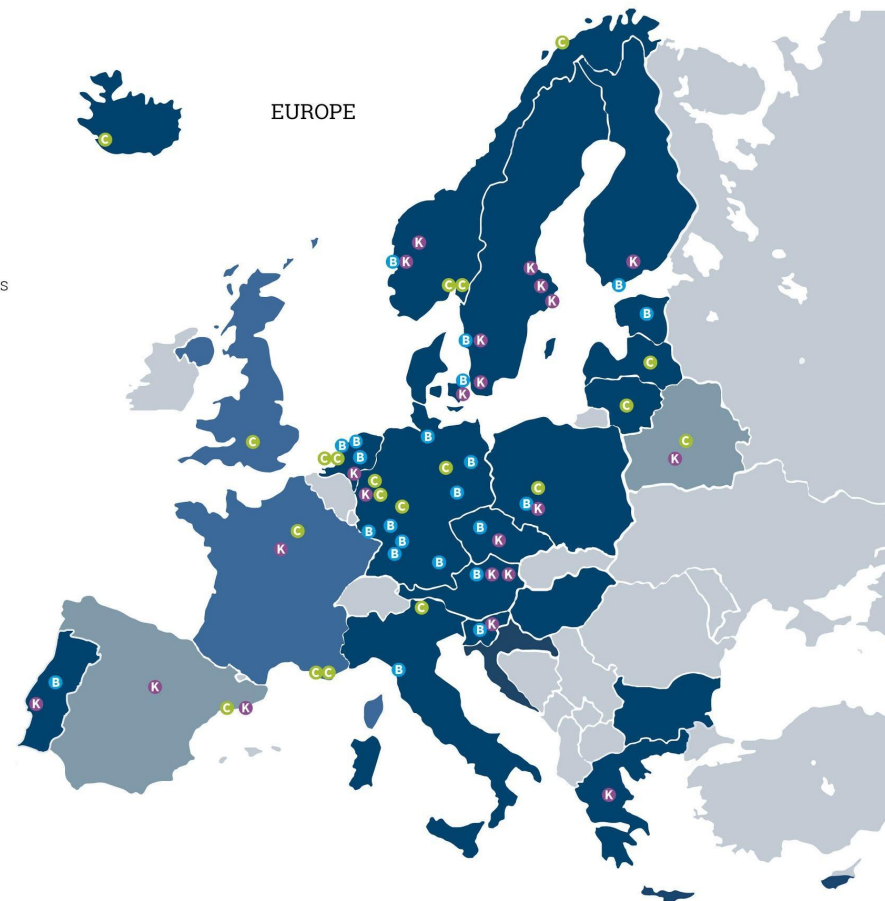
CLARIN Knowledge Center of Lund University Humanities Lab

The Humanities Lab is a department for **research infrastructure**, for **inter-disciplinary research** and **training**.

We provide access to **sensor-based technologies**, **methodological know-how** and **archiving expertise**.
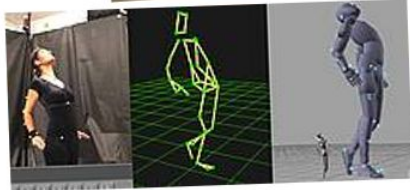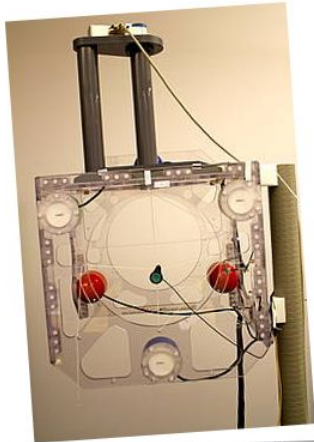
Echo-free chamber
Articulography
EEG
Motion capture
Eye tracking

Tour de CLARIN

vol III, 2020

humlab.lu.se

3D   A/V   Brain   Corpus   Ears   Eyes

Motion   Mouth   Statistics   Training   VR

Field of expertise

- The K-centre is basically open to everything that the lab does!

- language archiving
  - corpus server, C-centre, VLO →

- multimodal and sensor-based methods
  - EEG, eye-tracking, articulography, virtual reality, motion capture

- machine learning-related research on text data

- keystroke logging (language production studies)

Users profile

NEW PROJECTS	46
CONSULTATIONS	168
DEMOS	48
GROUP TUTORIALS	12
PHD LEVEL COURSES	6
COMISSIONED COURSE	1
LAB AREA M2	530
GUEST RESEARCHERS	11
MAJOR GRANTS/ AWARDS	5
SOCIAL MEDIA FOLLOWERS	870

USERS' FACULTY AFFILIATION IN %

- Joint Faculties of Humanities and Theology 46%
- Faculty of Engineering 14%
- School of Economics and Management | Faculty of Fine and Performing Arts | Faculty of Science | Faculty of Medicine 8 %
- Faculty of Social Sciences 5%
- Other* 26%

*Other: National & international universities, participants in commissioned courses, private sector.

HUMANITIES LAB WORLD WIDE **TRAVELS/VISITORS**
Australia | Denmark | Canada | Finland | France | Germany | Great Britain | Greece | Mexico | the Netherlands | Norway | Spain | Sweden | USA
Germany | the Netherlands | South Africa | Sweden

(statistics for lab as a whole)

- researchers/research groups from linguistics, language archiving and documentation, medicine

  - We run a 'corpus server' - we're also a C-centre - where **language archivists** store material <https://projekt.ht.lu.se/rwaai>
  - We developed a system for word association metrics (based on contextual representations) that **neurolinguists** use to correlate with ERP-measurements <https://doi.org/10.1075/ml.19021.blo>
  - We run a website where researchers in **prosody** perform perception experiments (audio-only and audiovisual stimuli)
  - Diacl <https://diacl.ht.lu.se/> - lexical/typological database for **historical linguists**

- out of scope
  - storage of text in medical health records
  - evaluation of commercial software analysis tools

Education, Collaboration, Expectations

- tutorials on eye tracking, R, text mining, ELAN, GPS (every semester)
    <https://www.humlab.lu.se/education/current-pedagogical-activities>
- workshop on NLP for social sciences

- RWAAI: language documentation and archiving project at Lund Uni
- NERC: NER project with Swe-Clarin nodes in Gothenburg and Linköping
- Progest: visual prosody project with Linnaeus Uni in Växjö and the Swe-Clarin node at KTH

- we're part of an upcoming DARIAH-related infrastructure application
- development of centre will be guided by its role in and how to align it with that