CLARIN-CH: SUPPORTING RESEARCH BASED ON LANGUAGE RESOURCES

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POLITICAL FRAMEWORK

Switzerland not Member of the European Union

Horizon Europe: national funding available for Swiss partners in collaborative projects

Specific parliamentary approval for Swiss membership in ERICs in December 2022

Recognised importance of internationally distributed research infrastructures
ROADMAP FOR RI

Periodic elaboration of a Swiss Roadmap for Research Infrastructures

Linguistic Research Infrastructure (LiRI) hosted by University of Zurich, included in Roadmap 2019 edition

CLARIN ERIC included in Roadmap 2023 edition

CLARIN ERIC: observer as of 1st January 2023/ membership planned for 2025

Challenges ahead: ensure sustainable funding for research infrastructures hosted by universities which act as national nodes in ERICs
Join the European CLARIN community and build an active and impactful national network.

Objectives:

1. Obtain Switzerland's full membership in CLARIN and connect the Swiss scientific community with the entire CLARIN infrastructure.

2. Foster the sharing of expertise and of resources at the national and European level.

3. Bring together the Swiss community using language resources and create national working groups.

4. Encourage the initiation of national and international collaborations.
LiRI is a national technology platform to serve the needs of quantitative research at UZH, Switzerland and beyond.

https://www.liri.uzh.ch/

LaRS is a national platform for the publication of linguistic research data. It uses SWISSUbase as its repository system.

https://www.swissubase.ch/en/
LIRI AS TECHNICAL CENTER

- Provides support services, facilities and equipment
- Enables collaborative research
- Deals with big data
- Engages with Open Science
- Enables Data Reproducibility
- Deals with the entire data life-cycle

Language Technology

- IT services
- Application development
  - LiRI Corpus Platform (LCP) to handle and query large corpora
- Data processing & NLP
  - Automatic data processing with NLP tools
  - Best practices, coaching, workshops, programming
  - Swissdox@LiRI: a tool that allows retrieving large quantities of Swiss media data for research purposes

Lab & Equipment

- On site and portable

Statistical consulting

- Advice or feedback on study design, statistical methods
- Data analysis service

urgent

Charged services

NEW
To be added in the budget of research projects
UPGRADING THE SWISS LINGUISTIC ORD-ECOSYSTEM – UPLOAD PROJECT

Data Life-cycle

- Data generating
- Data processing
- Data analyzing
- Data sharing and archiving

LiRI

- Data sharing and query: LCP@CLARIN-CH

LaRS

- Big data – Swiss media texts: swissdox@LiRI
- Multimodal data processing: VIAN-DH
- Data publication and archiving: SWISSUbase/LaRS

CLARIN-CH

FAIR resources
- Standardization
- Interoperability

Annotation tool for multimodal data
- Sensitive data
- Legal issues
- Metadata

Training
- Documentation
- Best practices
WORKING GROUPS

• CLARIN-CH WG are groups of researchers (CLARIN-CH members, other national and European scholars) who are interested in language-, resource- and infrastructure-related topics.

• Advantage: work together with peers in a formalized and sustainable environment.

• Purpose: bring together expertise on a specific topic, prepare joint research projects and to serve the community, which can be scholarly and technical.

• Long-term goal: build and to extend the CLARIN and CLARIN-CH infrastructure.
1. ORD projects for linguistic data
   i.  UpLORD
   ii. Swiss-AL: Linguistic ORD Practices for Applied Sciences
   iii. Data-sharing skills in corpus-based research on talk-in-interaction
2. Management of sensitive data and legal aspects for linguistic data in Switzerland
3. Research infrastructures for Argumentation and Rhetoric
4. Multilingual corpora and Second Language Acquisition
ROADMAP UNTIL 2025

Milestones

- Creation of the CLARIN-CH Consortium
- Submission to SERI the application for agreement to join CLARIN Europe
- Tou de Suisse
- Application to CLARIN Europe as Observer
- Implementation of national working groups
- Certification of LiRI as B-center
- Certification of K-center
- Organization of 1st CLARIN-CH National Conference
- Application to CLARIN Europe as Full Member
Meet the representatives of Switzerland and the members of the CLARIN-CH consortium

Marianne Hundt
National Coordinator
Representative of UZH

Noah Bubenhofer
NC ad interim
Director of LIRI

Anita Auer
President
Representative of UNIL

Cristina Grisot
Scientific Coordinator

Katharina Eggenberger
National Representative

Martin Luginbühl
Representative of UNIBAS

Sandrine Zufferey
Representative of UNIBE

Eric Haeberli
Representative of UNIGE

Anita Thomas
Representative of UNIFR

Andrea Rocci
Representative of USI

Cerstin Mahlow
Representative of ZHAW

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Welcome to CLARIN Switzerland

CLARIN – Common Language Resources and Technology Infrastructure – is a pan-European research infrastructure aiming to render accessible all digital language resources and tools from all over Europe through a single sign-on online environment.

Several Swiss academic institutions have manifested their intention to join CLARIN, first as an Observer member and later as Full member. For this, they have founded the consortium CLARIN-CH on 18 December 2020.

The mission of CLARIN-CH: join the European CLARIN community, and build an active and impactful CLARIN-CH community.

For this, we formulated four objectives:

✓ Obtain Switzerland’s CLARIN membership and give Swiss researchers access to the entire CLARIN infrastructure.
✓ Foster the sharing of resources and expertise among the

Thank you!