

# Linguistic Research Infrastructure - LiRI

# The present state of the future Swiss CLARIN-B center

LiRI is a Technology
Platform to serve the needs of quantitative linguistic research at UZH, Switzerland and beyond.

## LiRI is closely related to

Center for Linguistics UZH (LiZZ)
URPP Language and Space UZH
NCCR Evolving Language

## NCCR@LiRI

Machine Learning, Statistics,
Data Aggregation, and Data Sciences
particularly targeted at the needs for the
NCCR Evolving Language

#### LiRI collaborates with





#### **SWISSUbase & UB Data Services**

SWISSUbase is a national cross-disciplinary solution for Swiss universities to ensure that research data are preserved and accessible in the long-term.

# Contact

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# Linguistic Disciplines addressed

- Phonetics
- Neurolinguistics
- Corpus Linguistics
- Psycholinguistics
- Descriptive Linguistics
- Interaction Studies
- Digital Linguistics

# **Evolving new methods in all disciplines of Language Sciences**

- Collaborative Research
- Deal with Big Data
- Engage with Open Access and Open Science
- Enable Data Reproducibility

Re-use: accessible and reproducible data Planning (of experimental study&data acquisition)

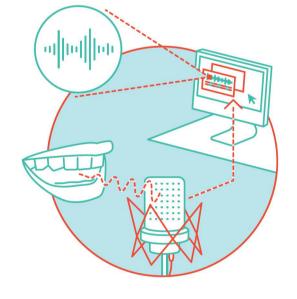
Data

Acquisition

(in the lab or

in the field)

Preservation: findable and interoperable data



Data processing, management and analysis

#### LanguageTechnology@LiRI

Data management, data modeling, databases
Data processing, NLP
Computational Linguistics
Corpus Linguistics, Lexicography
Scientific programming, software engineering, user interface design

Swissdox@LiRI

Start Projects

## Directors@LiRI

Prof. Dr. Volker Dellwo

Prof. Dr. Noah Bubenhofer

Prof. Dr. Martin Meyer

Prof. Dr. Guido Seiler, President LiZZ (advisory role)

# LiRI is part of the

Swiss Roadmap for Research Infrastructures in view of the 2021-2024 ERI Dispatch (SERI)

# LiRI provides services

For researchers (fee-based) and for students (if capacities allow, free for students of Canton of Zurich)

#### LanguageStats & Machine Learning @LiRI

Statistical consultation for linguistic projects

Machine Learning expertise in collaboration with

Research Projects

#### DataAcquisition@LiRI

Practicalities of fieldwork - choice of appropriate recording equipment, methodologies, transcription, corpus building of naturalistic data, metadata, project workflow, data archiving



#### Lab@LiRI

Speech lab facilities:
Articulation, Acoustics, Perception
Brain lab facilities: EEG, fNIRS
Static and loan equipment

**Location**: Campus Oerlikon Andreasstrasse 15, 8050 Zürich

#### Online@LiRI

Online experimenting for perceptual and corpus data



Welcome to Swissdox@LiRI