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The Role of the INT in the Digital Age

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ABOUT US

DUTCH-FLEMISH INSTITUTE FOR APPLIED LINGUISTICS

34 STAFF MEMBERS
FROM THE NETHERLANDS AND FLANDERS

15 linguists

6 computational linguists

6 softwaredevelopers + 1 webmaster

2 system administrators

4 management office

Special relation with University of Leiden; teaching, research, servers at the ISSC in Leiden.

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GENERAL OBJECTIVES

- To be a widely accessible scholarly institute in the field of the Dutch language.
- A central position in the Dutch-speaking world (the Netherlands, Flanders, Suriname and the Caribbean), as a developer, keeper and distributor of corpora, lexica, dictionaries and grammars.
- All the necessary content for the study of Dutch.

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MISSION

- Promoting the knowledge and use of the Dutch language through applied scientific research.
- Stimulating and coordinating the scientific description of the Dutch vocabulary and grammar in all their varieties throughout the centuries.
- Producing, integrating and disclosing Dutch source material textcorpora, dictionaries, lexical digital databases, grammars, and all required technological tools.

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CLARIN-ERIC

- “Common Language Research Infrastructure” (since 2009)
- To establish a sustainable common infrastructure for research in the humanities
- Involves both the software tools and the content: all the digital language material

CLARIN
Common Language Resources and Technology Infrastructure

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CLARIN-B

The Netherlands has 4 CLARIN B centres

- Meertens Institute
- Huygens ING
- Max Planck Institute
- **the Dutch Language Institute**

A CLARIN B centre manages tools and data, and makes them available for research.
Assessment procedure to obtain a Data Seal of Approval.

This guarantees that each CLARIN B centre employs recognized standards, provides metadata, and is legally and ethically sound.

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CLARIN-B

What do we do for researchers?

Researchers and students affiliated with universities and other research institutes can log in with single sign-on (SSO) to use tools and materials. These can be found through portals. This also makes it easy to keep track of ongoing and previously conducted research, which stimulates the cultivation of (international) contacts with fellow researchers.

The portals enable the online use or downloading of tools and data. Researchers have the option of using a personal workspace. Moreover, they can safely and sustainably leave their own research data and research tools in the infrastructure upon finishing their project. Crucially, CLARIN guarantees that tools will be updated, and that materials will remain available and researchable through the use of persistent identifiers.

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CLARIN-K

In 2021, we became a CLARIN K centre.

the K representing Knowledge, focused on Dutch.

In this role, the INT also offers its knowledge to non-Dutch researchers.

https://kdutch.ivdnt.org/wiki/K-Dutch

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CLARIN.BE

Belgium joins CLARIN ERIC as a member

17 September 2021

We are very pleased to announce that Belgium officially joined CLARIN as a member!

The Belgian CLARIN consortium CLARIN-BE is led by the Instituut voor de Nederlandse Taal (INT) which is already a CLARIN-B centre: CLARIN technical centre for Flanders.

Dr Vincent Vandeghinste is the national coordinator for CLARIN-BE

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CLARIAH +

Research project in The Netherlands
Clarin +Dariah combined

Academic research in Humanities and Social Sciences

CLARIAH develops, facilitates and stimulates the use of Digital Humanities resources and infrastructures. We offer these resources to researchers and other professionals in an insightful and user-friendly way.

https://www.clariah.nl/

CLARIN ERIC
Common Language Resources and Technology Infrastructure

DARIAH-EU
Digital Research Infrastructure for the Arts and Humanities

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CLARIAH FLANDERS

Open Humanities gets an infrastructural boost in Flanders
CLARIAH-VL: Open Humanities Service Infrastructure
the Flemish contribution to the European DARIAH and CLARIN infrastructures. It brings together and extends the portfolio of services enabling digital scholarship in the Arts and Humanities offered by the DARIAH-VL Virtual Research Environment Service Infrastructure with the digital tools and language data that are offered through CLARIN-DLU/Flanders.

The consortium which includes the network of **Digital Humanities Research Centres** at the universities of Antwerp, Brussels, Ghent and Leuven has been extended with the Dutch Language Institute (INT) – the **CLARIN-ERIC certified B-Centre for Flanders**.

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INCLUSION

- **Sign Languages**

Flemish Sign Language – Dutch Sign Language

Building a corpus infrastructure

- **Low literacy and language learners**

Wablieft and WAI-NOT newspapers

Basilex "Easy Language
Eenvoudig communiceren

https://oefenen.nl/

wablieft
krant • tekstadvies • boeken

WAI-NOT
TOEGANKELIJK INTERNET VOOR IEDEREEN

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EUROPEAN INITIATIVES

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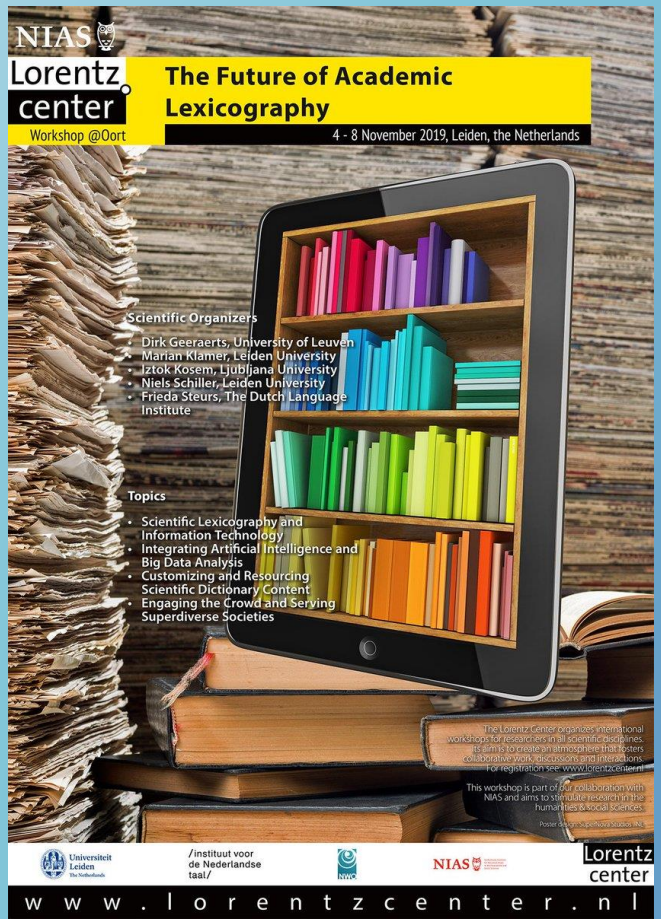
LORENTZ WORKSHOP

New challenges after publishing the white paper

Implementing new workflows, using AI and big data



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NL AI Coalitie

The Netherlands AI Coalition is committed to accelerate and connect AI developments and initiatives in the Netherlands.

The NL AIC is a public-private partnership in which the government, the business sector, educational and research institutions, as well as civil society organisations collaborate to accelerate and connect AI developments and initiatives.
The ambition is to position the Netherlands at the forefront of knowledge and application of AI for prosperity and well-being. We are continually doing so with due observance of both the Dutch and European standards and values. The NL AIC functions as the catalyst for AI applications in our country.

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AI FOR INNOVATION: CASE NLP

The ministeries of NL (OCW) and Flanders (EWI)
Workshop on AI for Innovation
(7th of October 2020)

- AI applied within research in particular on *natural language processing;*
- Smart Industry (Digital Innovation Hubs to introduce AI to companies and public services);
- AI & Legislation (Human-Centric AI);
- Data Sharing (structures and solutions for data sharing);

- **The Dutch Language Institute provided the input for the first action point.**

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Thank you for your attention!

https://ivdnt.org/