

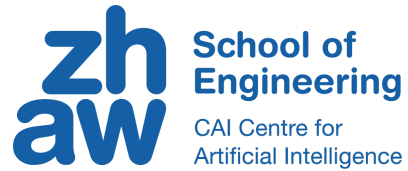
SwissText 2025

**Proceedings of the 10<sup>th</sup> Edition of the  
Swiss Text Analytics Conference**

13–15 May, 2025

Swiss Association for Natural Language Processing  
Winterthur, Switzerland

## Presenting Organizations



## Co-Organizers of Swiss NLP Days



## Gold Sponsor



## Bronze Sponsors



## Partners



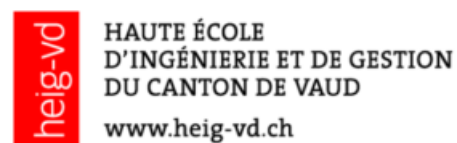
data innovation alliance

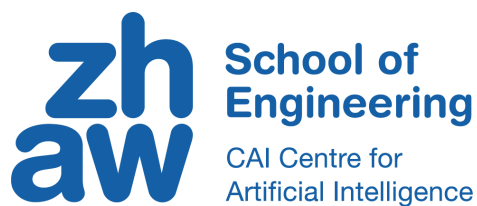


Fachhochschule Graubünden



Mitglied der SUPSI





Datalab – The ZHAW Data Science Laboratory



swiss made  
software



©2025 The Association for Computational Linguistics

Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL)  
209 N. Eighth Street  
Stroudsburg, PA 18360  
USA  
Tel: +1-570-476-8006  
Fax: +1-570-476-0860  
[acl@aclweb.org](mailto:acl@aclweb.org)

ISBN 978-1-950737-19-2

# Introduction

In 2025, the SwissText conference celebrated its 10th anniversary! To mark this milestone, we organized a special anniversary edition:

- SwissText 2025 returned to the Zurich University of Applied Sciences (ZHAW) in Winterthur, where SwissText was first held in 2016
- We invited selected Keynote Speakers from previous years to share their (updated!) insights on the current status of NLP
- We extended SwissText with two new events:
  - A “**Crash Course**” in NLP, held biweekly in 2025, designed to introduce Natural Language Processing to beginners
  - The “**NLP Expo 2025**“, a business fair that welcomed more than 350 participants where companies, startups and research groups showcased their NLP & GenAI solutions

These three events – SwissText, Expo and Crash Course – were combined under the umbrella of the “**Swiss NLP Days 2025**“, jointly organized by SwissNLP and Zurich University of Applied Sciences, with the support of numerous partners, sponsors and co-organizers.

The 10th SwissText conference took place at the Eulachpassage of the Zurich University of Applied Sciences (ZHAW) in Winterthur from 14th to 15th May. Around 100 participants attended keynotes, talks, workshops, and the poster session. Our call for papers asked for contributions in two major tracks: Scientific and Impact. In addition, we introduced a new “Corpora Track”, which focused on presenting Swiss datasets. We received a total of 35 submissions, of which we selected 8 for oral presentation, and 23 as posters.

In addition, there were four workshops on the following topics:

- **LiRI Corpus Platform**
- **Battle of NLP Ideas**
- **Instruction fine-tuning & QLoRA**
- **LLM Post-Training & DPO**

These proceedings include:

- 13 full papers from the Scientific Track
- 3 papers from the Corpora Track
- 16 abstracts from the Impact Track
- Summaries and contributions from the workshops and shared tasks.

We would like to thank our keynote speakers Claudiu Musat (Google DeepMind), Marco Passarotti (Università Cattolica del Sacro Cuore), Iryna Gurevych (Technical University of Darmstadt), Eneko Agirre (University of the Basque Country), Holger Schwenk (Meta AI), and Margot Mieskes (University of Applied Sciences Darmstadt). Their insights and contributions were much appreciated.

We are also deeply grateful to our sponsors and partners who supported us. In addition, we would like to express our sincere gratitude to everyone who has contributed to this conference for their excellent work.

Your sincerely,

Mark Cieliebak, Don Tuggener, and Manuela Hürlimann

Winterthur

October 2025

**General Chairs:**

Prof. Dr. Mark Cieliebak - Centre for Artificial Intelligence

**Program Chairs:**

Dr. Don Tugener - Centre for Artificial Intelligence  
Manuela Hürlimann - Centre for Artificial Intelligence

**Organizers:**

Jasmin Heierli - Institute of Business Information Technology  
Jonathan Gerber - Intelligent Information Systems  
Jasmin Saxer - Intelligent Information Systems

**Program Committee:**

Fernando Benites, Pascual Cantos-Gómez, Ernesto William De Luca, Serge Heiden, Valia Kordoni, Brigitte Krenn, Alexander Mehler, Margot Mieskes, Andrei Popescu-Belis, Georg Rehm, Fabio Rinaldi, Tanja Samardžić, Yves Scherrer, Helmut Schmid, Sabine Schulte Im Walde, Manfred Stede, Ludovic Tanguy, Don Tugener, Juergen Vogel, Manfred Vogel, Egon Werlen, Torsten Zesch

**Invited Speakers:**

Dr. Claudiu Musat, Google DeepMind

Prof. Dr. Marco Passarotti, Università Cattolica del Sacro Cuore, Milan, Italy

Prof. Dr. Iryna Gurevych, Technical University of Darmstadt (Germany), co-affiliated with Mohamed bin Zayed University of Artificial Intelligence in Abu Dhabi (UAE) and INSAIT in Sofia (Bulgaria)

Prof. Dr. Eneko Agirre, HiTZ center, University of the Basque Country UPV/EHU

Prof. Dr. Holger Schwenk, Meta AI

Prof. Dr. Margot Mieskes, University of Applied Sciences Darmstadt



## **Invited Talks**

**Claudiu Musat – “Natural Interactions with Foundation Models”**

**Marco Passarotti – “Life after ERC. What’s New and What’s Next in the LiLa Knowledge Base”**

**Iryna Gurevych – “Fact or Fiction: How to Spot and Debunk Misleading Content?”**

**Eneko Agirre – “LLMs and low-resource languages”**

**Holger Schwenk – “Beyond token-based Large Language Models”**

**Margot Mieskes – “R<sup>3</sup> - Responsible - Replicable - Research”**

# Table of Contents

<b>1 Scientific Track</b>	<b>1</b>
20min-XD: A Comparable Corpus of Swiss News Articles . . . . .	2
<i>Michelle Wastl, Jannis Vamvas, Selena Calleri and Rico Sennrich</i>	
Assessing Open-Weight Large Language Models on Argumentation Mining Subtasks . . . . .	12
<i>Mohammad Yeghaneh Abkenar, Weixing Wang, Hendrik Graupner and Manfred Stede</i>	
Detecting Greenwashing in ESG Reports: A Comparative Analysis of Machine Learning Methods in Traffic-Related Emissions Disclosure . . . . .	26
<i>Johannes Florstedt, Jonas Fahlbusch and Moritz Sontheimer</i>	
Enhancing Multilingual LLM Pretraining with Model-Based Data Selection . . . . .	32
<i>Bettina Messmer, Vinko Sabolčec and Martin Jaggi</i>	
Fine-tuning Whisper on Low-Resource Languages for Real-World Applications . . . . .	58
<i>Vincenzo Timmel, Claudio Paonessa, Manfred Vogel, Daniel Perruchoud and Reza Kakooee</i>	
GOOSVC: Version Control for Content Creation with Generative AI . . . . .	67
<i>David Gruenert, Alexandre de Spindler and Volker Dellwo</i>	
LLM-based Translation for Latin: Summaries Improve Machine Translation . . . . .	76
<i>Dominic P. Fischer and Martin Volk</i>	
Probing BERT for German Compound Semantics . . . . .	82
<i>Filip Miletić, Aaron Schmid and Sabine Schulte Im Walde</i>	
SLANet-1M: A Lightweight and Efficient Model for Table Recognition with Minimal Computa- tional Cost . . . . .	90
<i>Nguinwa Mbakop Dimitri Romaric, Andrea Petrucci, Simone Marinai and Jean Hennebert</i>	
Simulating Human Interactions for Social Behaviour Coaching . . . . .	104
<i>Daniela Komenda, Livio Bürgisser, Noémie Käser and Alexandre de Spindler</i>	
Soft Skills in the Wild: Challenges in Multilingual Classification . . . . .	109
<i>Laura Vásquez-Rodríguez, Bertrand Audrin, Samuel Michel, Samuele Galli, Julneth Rogenhofer, Jacopo Negro Cusa and Lonneke van der Plas</i>	
Using Phonemes in a Cascaded S2S Translation Pipeline . . . . .	116
<i>Rene Pilz and Johannes Schneider</i>	
embed2discover: the NLP Tool for Human-In-The-Loop, Dictionary-Based Content Analysis . . .	121
<i>Oleg Bakhteev, Luis Salamanca, Laurence Brandenberger and Sophia Schlosser</i>	
<b>2 Corpus Track</b>	<b>134</b>
SwissCoco2025 - The Swiss Corpora Collection 2025 . . . . .	135
<i>Mark Cieliebak, Jonathan Gerber and Manuela Hürlimann</i>	
Swiss Parliaments Corpus Reimagined (SPC_R): Enhanced Transcription with RAG-based Cor- rection and Predicted BLEU . . . . .	151
<i>Vincenzo Timmel, Manfred Vogel, Daniel Perruchoud and Reza Kakooee</i>	
SwissGPC v1.0 - The Swiss German Podcasts Corpus . . . . .	157

*Samuel Stucki, Mark Cieliebak and Jan Deriu*

<b>3 Impact Track</b>	<b>165</b>
<b>Abstracts of Impact Track</b> . . . . .	166
<i>Jonathan Gerber, Mark Cieliebak, Don Tugener and Manuela Hürlimann</i>	