SIGTYP 2024

The 6th Workshop on Research in Computational Typology and Multilingual NLP

Malta/Online, 22 March 2024

SIGTYP

Overview

11

Papers

2

Extended abstracts

5

Shared task papers

Workshop Modules

Low-resource NLP

Typology and Language Comparison

Multilinguality

Shared Task

Keynote Talks

Typology and Human Language Processing

Schedule

https://sigtyp.github.io/ws2024-sigtyp-schedule.html

Invited Speakers

Christian Bentz

Ximena Gutierrez-Vasques

Shared Task: Word Embedding Evaluation for Ancient and Historical Languages

Chair: **Oksana Dereza**

The shared task involves solving the following problems for **12+ ancient** and **historical languages** that belong to **4 language families** and use **6 different scripts**.

- Constrained
    - POS-tagging
    - Full morphological annotation
    - Lemmatisation
- Unconstrained
    - POS-tagging
    - Full morphological annotation
    - Lemmatisation
    - Filling gaps (word-level, character-level)

https://sigtyp.github.io/st2024.html

Organizers

Michael Hahn, Saarland University

Saliha Muradoğlu, Australian National University

Edoardo M Ponti, The University of Edinburgh

Jinrui Yang, University of Melbourne

Oleg Serikov, KAUST

Priya Rani, University of Galway

Ekaterina Vylomova, University of Melbourne

Yulia Otmakhova, University of Melbourne

Andreas Shcherbakov, University of Melbourne

Alexey Sorokin, Moscow State University

Ritesh Kumar, Bhim Rao Ambedkar University

Rena Gao, University of Melbourne

Oksana Dereza, University of Galway

Ryan Cotterell, ETH Zurich

Also helping today in person: Frederick Riemenschneider, Ercong Nie, An Tuan Dao, Jessica Nieder

Program Committee

THANK YOU !

Miriam Butt, University of Konstanz
Daan van Esch, Google AI
Elisabetta Ježek, University of Pavia
Paola Merlo, University of Geneva
Joakim Nivre, Uppsala University
Robert Östling, Stockholm University
Ivan Vulić, the University of Cambridge
Richard Sproat, Google Japan
Željko Agić, Corti
Edoardo Maria Ponti, University of Edinburgh
Alexey Sorokin, Moscow State University
Tanja Samardžić, University of Zürich
Aryaman Arora, Georgetown University
Samopriya Basu, The University of North Carolina
Badr M. Abdullah, Saarland University
Guglielmo Inglese, KU Leuven

Giuseppe Celano, Leipzig University
Richard Futrell, University of California, Irvine
Gerhard Jäger, University of Tübingen
Eitan Grossman, Hebrew University of Jerusalem
Johann-Mattis List, University of Passau
Miryam de Lhoneux, KU Leuven
Giulia Venturi, Istituto di Linguistica Computazionale "Antonio Zampolli"
Kristen Howell, University of Washington
Barend Beekhuizen, University of Toronto
Claire Bowern, Yale University
Thomas Proisl, FAU Erlangen-Nürnberg
Michael Regan, University of Washington
Olga Zamaraeva, University of Washington
Borja Herce, The University of Zurich
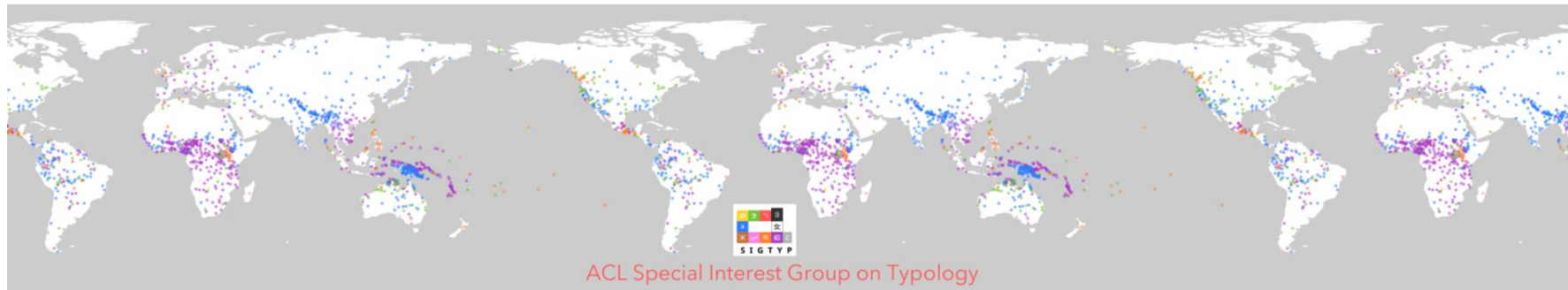Michael Hahn, Stanford University

SIGTYP 2024: Principles

The Virtual part is Free for everyone: no fees for the workshop and free access to all platforms (Zoom)

Accessible from everywhere in the world before and after the workshop.

SIGTYP Website: sigtyp.github.io

ACL Special Interest Group on Typology

SIGTYP

THIS IS THE WEBSITE OF THE ACL SPECIAL INTEREST GROUP ON TYPOLOGY (SIGTYP)

The purpose of SIGTYP is to promote the study of linguistic typology in the ACL community and to provide members of the ACL with a means of exchanging news of recent research developments in linguistic typology and multilingual NLP. SIGTYP also organizes an annual workshop collocated with a *ACL conference.

SIGTYP 2024 Workshop Page

sigtyp.github.io/ws2024-sigtyp-schedule.html
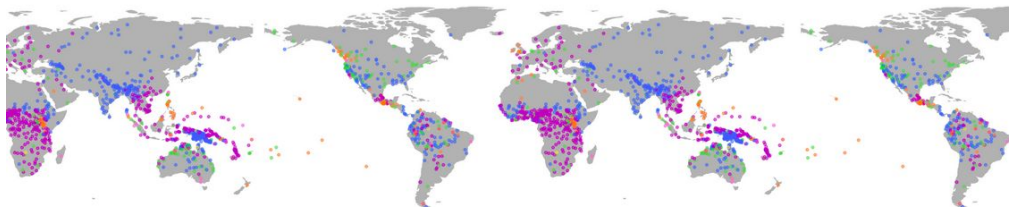

HOMEPAGE   CONSTITUTION   MEMBERS   WORKSHOP   LECTURES   BLOG

SIGTYP2024 — MARCH,22nd — Malta/Hybrid

We kindly invite **everyone** to join the virtual part of SIGTYP 2024! Below you may explore papers, slides, and recorded talks. On Google Group you may also find a single Zoom link that will be used during the day of the workshop.
SIGTYP2024 Proceedings are now available here.

Time zone: Malta

8:50 – 9:00 Opening Session

❋ **Keynote Talk** ❋

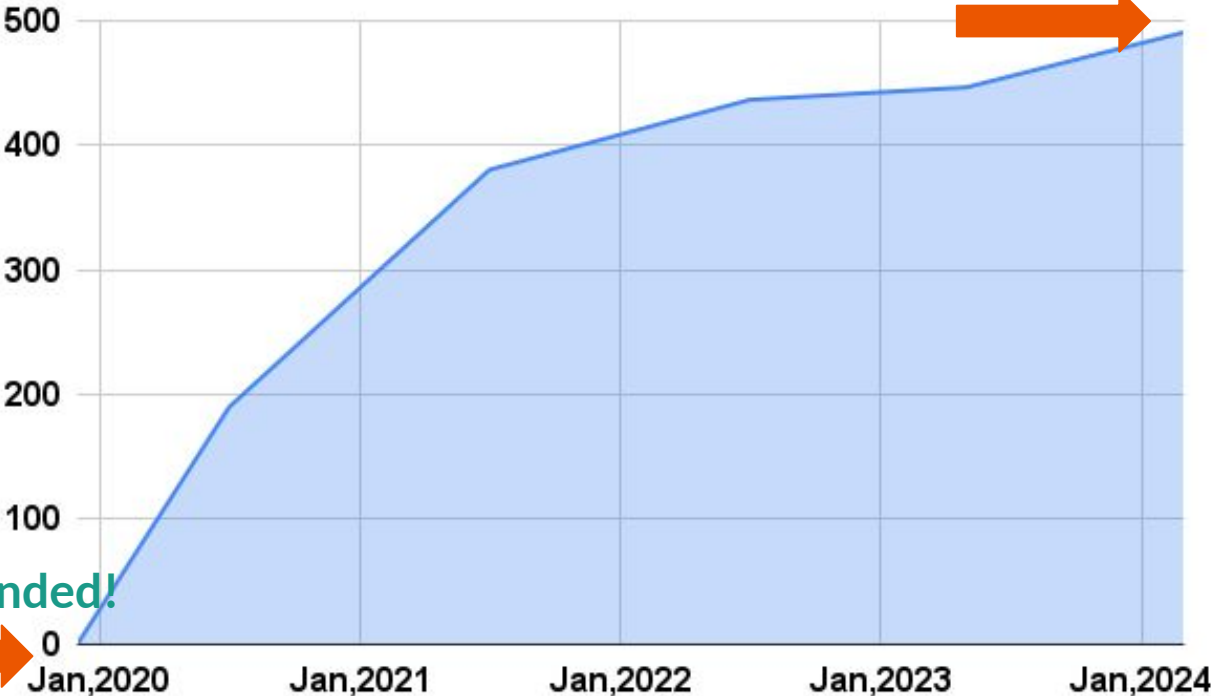| 9:00 – 10:00 Christian Bentz (Keynote): Zipfian Laws Across Diverse Languages |
| --- |

SIGTYP

Our Members

SIGTYP Online Lecture Series: 30 lectures

https://sigtyp.github.io/lectures.html
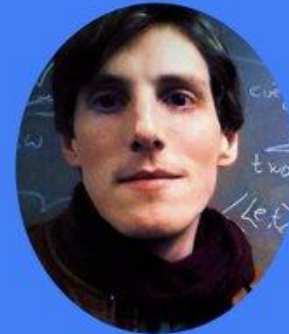
SIGTYP YouTube Channel

SIGTYP

@sigtyp4950   278 subscribers   162 videos

ACL Special Interest Group on Linguistic Typology. ›

🔔 **Subscribed** ⌄

HOME   VIDEOS   LIVE   PLAYLISTS   COMMUNITY   CHANNELS   ABOUT   🔍

Videos ▶ **Play all**

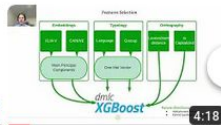| Language-Agnostic Measures Discriminate... | Gradual Language Model Adaptation Using Fine-... | Multilingual BERT has an Accent: Evaluating English... | You Can Have Your Data and Balance It Too: Towards... | Does Topological Ordering of Morphological Segments... | ÚFAL Submission for SIGTYP Supervised Cognate... |

Next Edition: 2025

OpenReview.net

| 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |

ACL 2019
First edition
(Florence)

EMNLP 2020
Second edition
(Online)

NAACL 2021
Third edition
(Online)

NAACL 2022
Fourth edition
(Seattle)

EACL2023
Fifth edition
(Dubrovnik)

EACL2024
Sixth edition
(Malta)

2024: Multilingual Representation Learning (MRL)

15/16 November, Florida, USA

Network

Sponsor

Thank you,
enjoy the workshop!