

Call for Papers

**AIM2023: Artificial Intelligence and Minority.
Computational Approaches to Multilingual Historical Research**
University of Groningen, the Netherlands | May 12, 2023

Keynote speakers:

Dr Christoph Purschke (University of Luxembourg, Culture & Computation Lab)

Dr Diana Roig Sanz (Universitat Oberta de Catalunya, Global Literary Studies Research Lab)

The University of Groningen's Department of History of Philosophy and Center for Digital Humanities are inviting submissions to the "AIM2022: AI and Minority" international conference. The event seeks to bring together scholars at various stages of their career who work in the history of philosophy or cognate areas in cultural history and the humanities broadly defined, and who use AI-inflected approaches to bring to life neglected figures, unrepresented language groups and racial profiles, as well as any historical aspect(s) that go(es) beyond the canon of their disciplines. While AI is often related to gender and racial bias, we aim to focus on machine intelligence as a potentially welcome companion to traditional forms of humanistic inquiry and on minorness as paramount for the study of the human past. The conference thus seeks to encourage collaborative, inter-, trans-, and post-disciplinary forms of scholarship across different aspects of minority in AI-enabled cultural history research.

Furthermore, we recognize that multilingualism is inextricably related to the human past and present and that the cultural, social, or political investigation of human history often needs to engage with multilingual corpora in order to be truly cognizant of diversity. In digital humanities, it was only relatively recently that language started to be acknowledged as critical for the high-dimensional nature of historic data (Spence *et al.* 2021, Purschke and Schmalz 2022 *forth.*, Purschke 2020). While the so called 'major(ity)' languages have been prevalent in most digital book and manuscript repositories and in digital scholarly editions, computational historic research has tended to focus on one or the other of these languages due to available and readily-accessible language-agnostic technology. However, recent advances in Natural Language Processing (NLP), such as multilingual word vectors (Sangiacomo *et al.* 2021; Bhattacharya *et al.* 2019; Ulčar *et al.* 2021) and (machine) translation (Tanasescu *et al.* 2021; Edman *et al.* 2021), make possible the investigation of trans- and multilingual corpora and open new avenues in overcoming the monolingual bias.

Applicants are encouraged to explicitly address the minority stakes of their interdisciplinary research in the following fields: history of philosophy, history and philosophy of science, ethics, social and political philosophy, and cultural studies. Although the conference specifically encourages contributions to multilingual, AI-enabled historical research, the program is also open to monolingual minority-dedicated cross-disciplinary projects.

The panels will be organized according to the following broad and more specific topics, although innovative contributions beyond these are also encouraged:

- geo-cultural diversity in intellectual history
- ethics of multilingual historical research
- (translingual) text mining and network analysis in computational history
- language-aware tools and approaches for history research
- quantitative approaches to marginalized groups in philosophy
- peripheral approaches to philosophy
- translations, multiple editions, and linguistic diversity in the humanities
- multilingualism in the philosophy of medicine and biology
- socially relevant philosophy in science and engineering

Publication:

Participants have the opportunity to submit their paper for open-access publication with a university press should they wish to do so.

Dates and location:

The conference will be held in person on **May 12, 2023** at the Faculty of Philosophy in Groningen, with additional plans made for an online version should circumstances require.

Contact:

For more information on the conference and the department, please visit <https://www.rug.nl/filosofie/organization/departments/history/?lang=en> or contact the conference chair, Raluca Tanasescu (Postdoctoral Researcher in Digital Humanities), at r.a.tanasescu@rug.nl.

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Advisory board:

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