

**Project name: NCN PersOn 2024/54/E/HS1/00161**

**Unit name:**

Faculty of Psychology and Cognitive Science, Adam Mickiewicz University in Poznań

**Position:**

PhD Student

**Requirements:**

Minimal Requirements:

- MA in Cognitive Sciences, Linguistics, Computer Science or related discipline;
- very good command of English;
- enrollment in the Doctoral School at Adam Mickiewicz University in Poznań (for the time of the project);

Desired Skills:

- familiarity with NLP (natural language processing) techniques and tools (e.g. Python spaCy, NLTK);
- familiarity with ML (machine learning) algorithms, techniques and tools, in particular for NLP and AI (artificial intelligence) applications (e.g. scikit-learn, Keras, PyTorch);
- familiarity with argumentation theory, modern rhetoric, informal logic.

**Scope of work:**

The person hired for this position will participate as a Research Assistant in the project “*PersOn: A Pragmatic Model of Persuasion in Online Communities*” (funded by the National Science Centre, grant no. 2024/54/E/HS1/00161), led by Dr. Barbara Konat. The PhD Student (Computational rhetoric/NLP) will be preparing their PhD thesis under the co-supervision of the project's PI. More about the project: [http://bkonat.home.amu.edu.pl/?page\\_id=211](http://bkonat.home.amu.edu.pl/?page_id=211)

The PhD student will be involved in:

WP 2: Modelling language of online communities with NLP

4. Annotation and supervised training of the ML models for dialogue features in online communities natural language data.
5. Network and sociolinguistic analysis of groups and clusters.
6. Capturing dialogue states in online persuasion.

WP 4: Computational testing of persuasion in online communities

10. Formalisation and modelling selected features of dialogue moves as vector representations.
11. Implementation of agent-based model of persuasion in online communities.
12. Interpretation and explanation of the effects of agent-based model.

**NCN Call Type:** Sonata Bis – HS

**Application deadline:** May 30, 2025, 11:59 PM

**Submission format:** via e-mail [bkonat@amu.edu.pl](mailto:bkonat@amu.edu.pl)

**Employment conditions:**

Salary: 5,000 PLN gross-gross per month (doctoral scholarship); increased to 6,500 PLN gross-gross after mid-term evaluation

Start date: October 1, 2025

Duration: 48 months

**Additional information:**

Applicants are expected to submit the following documents:

1. Cover letter
2. CV
3. Information about academic achievements, awards, and research internships
4. Certificate confirming doctoral student status or a statement regarding the planned acquisition of such status as of October 1, 2025
5. Statement of consent to the processing of personal data in accordance with the Personal Data Protection Act of August 29, 1997 (Journal of Laws of 2015, item 2135, as amended) for the purposes of the recruitment process.

*"Pursuant to Article 6(1)(a) of the General Data Protection Regulation of April 27, 2016 (OJ EU L 119/1 of May 4, 2016), I consent to the processing of personal data other than those indicated in Article 221 of the Labor Code (first name(s) and surname; parents' names; date of birth; place of residence; correspondence address; education; previous employment) contained in my job offer for the purpose of ongoing recruitment."*

Questions and applications should be directed to the project PI, Dr. Barbara Konat:

bkonat@amu.edu.pl

Candidate selection will be carried out in accordance with the *Regulations for awarding research scholarships for young scientists in research projects* (Annex to the Resolution of the NCN Council No. 124/2022 of December 1, 2022). Candidates may be invited for an interview.

At the time of commencing the project tasks (i.e. October 1, 2025), the selected candidate must hold the status of a doctoral school participant, i.e. meet the requirements set out in the Act of July 20, 2018, *Law on Higher Education and Science*, necessary for receiving a doctoral scholarship throughout the entire period of project participation (excluding any period of suspension of education at the doctoral school).

**Recruitment result announcement date:** by July 1, 2025.