Weronika Łajewska

Luxembourg, Luxembourg

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Google Scholar
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EDUCATION

University of Stavanger, Information Access and Artificial Intelligence Research Group, *Ph.D. in Information Technology*
Feb 2022 - Aug 2025

Supervisor: Krisztian Balog

RMIT University, ARC Centre of Excellence for Automated Decision-Making and Society, *PhD Mobility*
Sep 2023 - Dec 2023

Collaboration: Damiano Spina, Johanne Trippas

Warsaw University of Technology, Faculty of Mathematics and Information Science, *MSc in Artificial Intelligence*
Sep 2019 - Feb 2021

Supervisor: Anna Wróblewska

Johannes Kepler University in Linz, *Exchange Programme*
Sep 2020 - Feb 2021

Courses: Information Retrieval, Natural Language Processing

Warsaw University of Technology, Faculty of Mathematics and Information Science, *BSc in Computer Science*
Sep 2015 - Feb 2019

University of Burgos, Exchange Programme
Jun 2017 - Feb 2018

RESEARCH AND WORK EXPERIENCE

Amazon Luxembourg, Shopper Agents, EU InTech, *Applied Scientist*
Sep 2025 – present

Project: User simulation for surveys and A/B testing

Amazon Spain, AWS Bedrock Guardrails, *Applied Scientist Intern*
Oct 2024 – Mar 2025

Project: Prompt compression for Large Language Models

Warsaw University of Technology, *Research Intern*
Mar 2021 – Jan 2022

Project: Machine Learning-based systems for the automation of systematic literature reviews in the food safety domain

Sollers Consulting, *Developer*
Apr 2019 - Sep 2019, Mar 2021 - Jan 2022

Developing and customizing Guidewire systems.

Intel Corporation, *Software engineer intern*
Jun 2016 - May 2017

Developing and customizing systems in Java, C, and Perl.

SELECTED PUBLICATIONS

Trust Me on This: A User Study of Trustworthiness for RAG Responses, *W. Łajewska and K. Balog*. In: 48th European Conference on Information Retrieval (ECIR '26)

Understanding and Improving Information Preservation in Prompt Compression for LLMs, *W. Łajewska, M. Hardalov, L. Aina, N. A. John, H. Su, and L. Marquez.* In: Findings of the Association for Computational Linguistics: EMNLP 2025

GINGER: Grounded Information Nugget-Based Generation of Responses, *W. Łajewska and K. Balog*. In: Proceedings of the 48th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '25)

Can Users Detect Biases or Factual Errors in Generated Responses in Conversational Information-Seeking? *W. Łajewska, K. Balog, D. Spina, and J. Trippas*. In: Proceedings of the 2024 Annual International ACM SIGIR Conference on Research and Development in Information Retrieval in the Asia Pacific Region (SIGIR-AP '24)

Explainability for Transparent Conversational Information-Seeking, *W. Łajewska, D. Spina, J. Trippas, and K. Balog*. In: 47th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '24)

PKG API: A Tool for Personal Knowledge Graph Management, *N. Bernard, I. Kostric, W. Łajewska, K. Balog, P. Galuščáková, V. Setty, and M. G. Skjæveland*. In: Companion Proceedings of the ACM Web Conference 2024 (WWW '24)

Towards Reliable and Factual Response Generation: Detecting Unanswerable Questions in Information-seeking Conversations, *W. Łajewska and K. Balog*. In: 46th European Conference on Information Retrieval (ECIR '24)

Estimating the Usefulness of Clarifying Questions and Answers for Conversational Search, *I. Sekulic, W. Łajewska, K. Balog and F. Crestani*. In: 46th European Conference on Information Retrieval (ECIR '24)

Grounded and Transparent Response Generation for Conversational Information-Seeking Systems, *W. Łajewska*. In: 17th ACM International Conference on Web Search and Data Mining (WSDM '24)

An Ecosystem for Personal Knowledge Graphs: A Survey and Research Roadmap, *M. G. Skjæveland, K. Balog, N. Bernard, W. Łajewska, and T. Linjordet.* In: AI Open, 2024.

Towards Filling the Gap in Conversational Search: From Passage Retrieval to Conversational Response Generation, *W. Łajewska and K. Balog*. In: 32nd ACM International Conference on Information and Knowledge Management (CIKM '23)

From Baseline to Top Performer: A Reproducibility Study of Approaches at the 2021 TREC Conversational Assistance Track, *W. Łajewska and K. Balog*. In: 45th European Conference on Information Retrieval (ECIR '23)

SELECTED REWARDS AND CERTIFICATES

Norwegian Artificial Intelligence Society Dissertation Award (2025)

Weronika Łajewska, *Grounded and Transparent Response Generation for Conversational Information-Seeking Systems*

SIGIR'25 Best Short Paper Award (2025)

Weronika Łajewska and Krisztian Balog. GINGER: Grounded Information Nugget-Based Generation of Responses

SIGIR'24 Award for Excellence in Reviewing (2024)

Award for Excellence in Reviewing from ACM Special Interest Group on Information Retrieval

ECIR'24 Best Short Paper Award (2024)

Weronika Łajewska and Krisztian Balog. *Towards Reliable and Factual Response Generation: Detecting Unanswerable Questions in Information-seeking Conversations*

CIKM'23 Best Resource Paper Award (2023)

Weronika Łajewska and Krisztian Balog. *Towards Filling the Gap in Conversational Search: From Passage Retrieval to Conversational Response Generation*

SIGMOD Student Travel Award (2023)

Scholarship award covering the cost of registration and some travel expenses for attending WSDM'24

The Warsaw University of Technology Rector's Scholarship (2015/2016)

Scholarship for the best students with a high academic record

TEACHING

Bachelor Thesis Supervision, *Automatic Population of Personal Knowledge Graphs from Social Media and Streaming Platforms (2024)*

Information Retrieval and Text Mining course, *University of Stavanger, Teaching Assistant (2022, 2024)*

TECHNICAL SKILLS

Advanced - Python (PyTorch, Nympy, Scipy, Sklearn), LATEX; Basic - Java, Matlab, R, C/C++, C#

LANGUAGES

Polish (native), English (full professional proficiency), Spanish (intermediate), German (intermediate), Russian (basic)

EXTRA_CURRICULAR PROJECTS AND ACTIVITIES

SIGIR'26 Full Papers PC member, reviewer (*Feb 2026)*

ECIR'26 Full Papers PC member, reviewer *(Nov 2025)*

SIGIR'25 Resource & Reproducibility Papers PC member, reviewer (*Mar 2025)*

ECIR'25 Full and Short Papers PC member, reviewer *(Nov 2024)*

CHIIR'25 Full, Short, Resource Papers & Demos PC member, reviewer *(Nov 2024)*

ISWS'24 RAGE-KG Workshop PC member, reviewer *(Nov 2024)*

CUI'24 Posters & Demos PC member, reviewer *(May 2024)*

SIGIR'24 Full Paper and Resource & Repro Raper PC member, reviewer *(Feb 2024)*

ICTIR'23 Student PC member, reviewer *(May 2023)*

WebConf'23 "Artifacts available" review committee, reviewer *(Mar 2023)*

English Studies, Institute of English Studies, Warsaw University, *student (Sep 2019 - Jun 2020)*

Economy, Warsaw School of Economy, *student (Sep 2016 - Feb 2017)*

Teaching English in primary school in Nepal, *AIESEC, volunteer (Jun 2018 - Sep 2018)*

Scientific website 'Astronet', *main editor (Nov 2015 - Nov 2016)*