In2Writing 2025

Fourth Workshop on Intelligent and Interactive Writing Assistants

Proceedings of the Workshop

May 4, 2025

The In2Writing organizers gratefully acknowledge the support from the following sponsors.





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Introduction

We are excited to welcome you to the Fourth Workshop on Intelligent and Interactive Writing Assistants (In2Writing 2025). The workshop is being held in-person on May 4th 2025 in conjunction with NAACL 2025 in Albuquerque, New Mexico.

The purpose of this interdisciplinary workshop is to facilitate discussion around writing assistants, thereby enhancing our understanding of their usage in writing process and predicting the consequences. To this end, we strive to bring together researchers from the human-computer interaction (HCI) and natural language processing (NLP) communities by alternating our workshop venue between HCI and NLP venues. Previous editions of the workshop were held during ACL 2022, CHI 2023 and CHI 2024.

Our call for papers this year focused on answering the question: How can we develop technology that appropriately supports diverse writing tasks? With the increased influx and adoption of tools for computational writing assistence, it is an opportune moment to discuss research on methods for development of tools more aligned with user needs and the impacts of the long-term use of these tools on individuals, communities, and language as a whole. We invited regular short (4-page) and long (8-page) paper submissions as well as system demos (4-page). Authors were asked to indicate of they wanted their submissions to be archival or non-archival. We received 17 submissions in total, each of which received two reviews and a meta review. We sincerely thank our Program Committee for their efforts during the review period. We accepted 12 submissions in total - 10 of which were archival and included in these Proceedings. We are thankful for all the authors for choosing our workshop to showcase their work.

At the workshop, in addition to poster and oral presentations of the papers, we have an exciting series of talks. Our keynote speaker is N Katherine Hayles (Distinguished Research Professor of English at the University of California, Los Angeles and the James B. Duke Professor of Literature Emerita at Duke University as well as a Member of the American Academy of Arts and Science). We will also have invited talks from Carly Schnitzler (Author of Crafting What We Cannot Live Without: How Creative Computational Communities Generate Social Change, and Writing Program Faculty at Johns Hopkins University), Max Kreminski (Director, Storytelling Lab at Midjourney) and Wei Xu (Associate Professor, College of Computing, Georgia Institute of Technology). We will also have an interactive panel discussion with our speakers. We thank them for helping us make our workshop a vibrant and diverse place for stimulating discussions on a variety of relevant topics.

We would like to thank our sponsors, Grammarly and Midjourney for their support.

We are grateful for our advisors for helping shape the direction of the workshop, Vipul Raheja (Grammarly), Dongyeop Kang (University of Minnesota) and Mina Lee (University of Chicago).

Finally, it is our great pleasure to welcome you in-person to the workshop. We hope that you will have an enjoyable and productive time and leave with fond memories of In2Writing 2025!

- Katy Ilonka Gero, John Joon Young Chung, David Zhou, Ting-Hao Kenneth Huang, Vishakh Padmakumar, Thiemo Wambsganss, Sarah Sterman

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- 10:20 10:40 Invited Talk 2
- 10:40 11:00 Invited Talk 3
- 11:00 12:00 Panel Discussion
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