

NAACL 2024

**The 8th Workshop on Online Abuse and Harms (WOAH)**

**Proceedings of the Workshop**

June 20, 2024

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317 Sidney Baker St. S  
Suite 400 - 134  
Kerrville, TX 78028  
USA  
Tel: +1-855-225-1962  
[acl@aclweb.org](mailto:acl@aclweb.org)

ISBN 979-8-89176-105-6

## Introduction

Digital technologies have brought many benefits for society, transforming how people connect, communicate and interact with each other. However, they have also enabled abusive and harmful content such as hate speech and harassment to reach large audiences, and for their negative effects to be amplified. The sheer amount of content shared online means that abuse and harm can only be tackled at scale with the help of computational tools. However, detecting and moderating online abuse and harms is a difficult task, with many technical, social, legal and ethical challenges. The Workshop on Online Harms and Abuse (WOAH) is the leading workshop dedicated to research addressing these challenges.

WOAH invites paper submissions from a wide range of fields, including natural language processing, machine learning, computational social sciences, law, politics, psychology, sociology and cultural studies. We explicitly encourage interdisciplinary submissions, technical as well as non-technical submissions, and submissions that focus on under-resourced languages. We also invite non-archival submissions for in progress work and reports from civil society to facilitate a meeting space between academic researchers and civil society.

This year marks the eighth edition of WOA, which is co-located with NAACL 2024 in Mexico City, Mexico. The special theme for this year’s edition is “**online harms in the age of large language models**”. Highly capable large language models (LLMs) are now widely deployed and easily accessible by millions across the globe. Without proper safeguards, these LLMs will readily follow malicious instructions and generate toxic content. Even the safest LLMs can be exploited by bad actors for harmful purposes. With this theme, we invite submissions that explore the implications of LLMs for the creation, dissemination and detection of harmful online content. We are interested in how to stop LLMs from following malicious instructions and generating toxic content, but also how they could be used to improve content moderation and enable countermeasures like personalised counterspeech.

We received 56 submissions, of which 33 were accepted for presentation at the workshop. These papers will be presented at an in-person poster session on the day of the workshop. Authors who are unable to attend in person will instead give a virtual lightning talk describing their work. The workshop day will also include keynote talks from Alicia Parrish (Google), Yacine Jernite (Hugging Face), Seraphina Goldfarb-Tarrant (Cohere), Apostol Vassilev (NIST), and Lama Ahmad (OpenAI). Finally, we will close the day by inviting the keynote speakers to participate in a panel discussion on this year’s special theme.

We thank all our participants and reviewers for their work, and our sponsors for their support. We hope you enjoy this year’s WOA and the research published in these proceedings.

Paul, Yi-Ling, Debora, Aida, Agostina, Flor, and Zeerak

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# Program

**Thursday, June 20, 2024**

- 09:00 - 09:15     *Opening Remarks*
- 09:15 - 09:45     *Invited Talk 1 - Alicia Parrish*
- 09:45 - 10:15     *Invited Talk 2 - Yacine Jernite*
- 10:15 - 10:30     *Mini Break*
- 10:30 - 11:00     *Invited Talk 3 - Apostol Vassilev*
- 11:00 - 12:30     *In-Person Poster Session*

*Investigating radicalisation indicators in online extremist communities*

Christine De Kock and Eduard Hovy

*Detection of Conspiracy Theories Beyond Keyword Bias in German-Language Telegram Using Large Language Models*

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*Towards a Unified Framework for Adaptable Problematic Content Detection via Continual Learning*

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Aashima Poudhar, Ioannis Konstas and Gavin Abercrombie

*AGORA: a Language Model for Safe Speech-to-Text Conversion*

Victor Cruz and Laurence Liang

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Dong-Ho Lee, Hyundong Cho, Woojeong Jin, Jihyung Moon, Sungjoon Park, Paul Röttger, Jay Pujara and Roy Ka-wei Lee

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*[Findings] Tokenization Matters: Navigating Data-Scarce Tokenization for Gender Inclusive Language Technologies*

Anaelia Ovalle, Ninareh Mehrabi, Palash Goyal, Jwala Dhamala, Kai-Wei Chang, Richard Zemel, Aram Galstyan, Yuval Pinter and Rahul Gupta

*[Main Conference] An Interactive Framework for Profiling News Media Sources*

Nikhil Mehta and Dan Goldwasser

*[Main Conference] MISGENDERMENDER: A Community-Informed Approach to Interventions for Misgendering*

Tamanna Hossain, Sunipa Dev and Sameer Singh

**Thursday, June 20, 2024 (continued)**

*[Main Conference] Exploring Cross-Cultural Differences in English Hate Speech Annotations: From Dataset Construction to Analysis*

Nayeon Lee, Chani Jung, Junho Myung, Jiho Jin, Jose Camacho-Collado, Juho Kim and Alice Oh

12:30 - 13:45 *Lunch Break*

13:45 - 14:15 *Invited Talk 4 - Seraphina Goldfarb-Tarrant*

14:15 - 14:30 *Outstanding Paper Talks*

14:30 - 15:15 *Lightning Talks for Remote Attendants*

*Adversarial Nibbler - A novel crowdsourcing procedure for detecting harmful content in t2i models*

Jessica Quaye, Alicia Parrish, Oana Inel, Charvi Rastogi, Hannah Kirk, Minsuk Kahng, Erin Van Liemt, Max Bartolo, Jess Tsang and Justin White

*Does Prompt Engineering Matter for LLM-based Toxicity and Rumor Stance Detection? Evidence from a Large-scale Experiment*

Shubham Atreja, Joshua Ashkinaze, Lingyao Li, Julia Mendelsohn and Libby Hemphill

*Introducing the Public Protection Data Programme*

Samantha Lundrigan, Timothy Mcsweeney and Tabossan Sedighi

*Comparing LLM ratings of conversational safety with human annotators*

Rajiv Movva, Pang Wei Koh and Emma Pierson

*Visual and Textual Narrative Analysis of the anti-femicide Movement in Mexico*

Laura Dozal

*Web Retrieval Agents for Evidence-Based Misinformation Detection*

J a c o b - J u n q i Tian, Hao Yu, Yury Orlovskiy, Mauricio Rivera, Zachary Yang, J e a n - F r a n ç o i s Godbout, Reihaneh Rabbany and Kellin Pelrine

*AGORA: a Language Model for Safe Speech-to-Text Conversion*

Victor Cruz and Laurence Liang

**Thursday, June 20, 2024 (continued)**

*AustroTox: A Dataset for Target-Based Austrian German and English Offensive Language Detection*

Pia Pachinger, Janis Goldzycher, Anna Maria Planitzer, Wojciech Kusa and Allan Hanbury

15:15 - 15:45 *Invited Talk 5 - Lama Ahmad*

15:45 - 16:30 *Coffee Break*

16:30 - 17:30 *Panel Discussion*

17:30 - 17:40 *Closing Remarks*