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The 11th International Workshop on Natural Language Processing for Social Media

Proceedings of the Workshop

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Message from the Organizers

It is our great pleasure to welcome you to the Eleventh Workshop on Natural Language Processing for Social Media-SocialNLP 2023, associated with IJCNLP-AACL 2023. SocialNLP is an inter-disciplinary area of natural language processing (NLP) and social computing. We hold SocialNLP twice a year: one in the NLP venue, the other in the associated venue such as those for web technology or artificial intelligence. This year the other version has been successfully held in conjunction with TheWebConf 2023, and we are very happily looking forward to the NLP version in IJCNLP-AACL 2023. We are very glad that the workshop is back to the fully in-person mode this year and we can meet our old and new friends. We keep high quality papers with the accepted threshold 3 (maximum 5), which again leads to a competitive selection process with the acceptance rate 55 percent. These exciting papers include various aspects and topics for researchers working on NLP for social media, such as food, drug and market research, humor and offensive language detection, sentiment and emotion analysis. We sincerely thank the authors for their contribution and believe they will benefit our research community.

This year we are excited to have Dr. David Adelani from University College London as our keynote speaker. He will talk about Social NLP for low-resource languages, which is especially vital now for creating an unbiased virtual social environment. We encourage attendees to attend our keynote speech as well as all our oral sessions to have more discussions with outstanding researchers.

Putting together SocialNLP 2023 was a team effort. We first thank the authors for providing the quality content of the program. We are grateful to the program committee members, who worked very hard in reviewing papers and providing feedback to authors. Finally, we especially thank the NAACL Workshop chairs Dr. Lun-Wei Ku and Prof. Kehai Chen for helping us on all the complicated logistics for this year's online version.

We hope you enjoy the workshop!

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Conference Program

November 1

13:50–14:00 **Opening**
Chair: Lun-Wei Ku

14:00–14:50 *Keynote Speech: Social NLP for Low-resource Languages*
David Adelani, University College London, UK

14:50–15:30 **Sentiment and Emotion**

14:50–15:10 *Temporal Tides of Emotional Resonance: A Novel Approach to Identify Mental Health on Social Media*
Usman Naseem, Surendrabikram Thapa, Qi Zhang, Junaid Rashid, Liang Hu and Mehwish Nasim

15:10–15:30 *Efficient Sentiment Analysis: A Resource-Aware Evaluation of Feature Extraction Techniques, Ensembling, and Deep Learning Models*
Mahammed Kamruzzaman and Gene Kim

15:30–16:00 **Coffee Break**

16:00–17:20 **Aspects Related to Social Media**

16:00–16:20 *OffMix-3L: A Novel Code-Mixed Test Dataset in Bangla-English-Hindi for Offensive Language Identification*
Dhiman Goswami, Md Nishat Raihan, Antara Mahmud, Antonios Anastasopoulos and Marcos Zampieri

16:20–16:40 *An Emotion-Enriched and Psycholinguistics Features-Based Approach for Rumor Detection on Online Social Media*
Asimul Haque and Muhammad Abulaish

16:40–17:00 *The Future of Meat: Sentiment Analysis of Food Tweets*
Matiss Rikters and Maija Kāle

17:00–17:20 *Boosting Adverse Drug Event Normalization on Social Media: General-Purpose Model Initialization and Biomedical Semantic Text Similarity Benefit Zero-Shot Linking in Informal Contexts*
François Remy, Simone Scaboro and Beatrice Portelli

November 1 (continued)

17:20–17:30 Closing