

📅 July 2-3, 2026

CONFERENCE WEBSITE: <https://healthlanguageprocessing.org/smm4h-2026/>

| About the Conference

Social Media Mining for Health Applications and Health Real-World Data (#SMM4H-HeaRD) 2026 Workshop and Shared Tasks

WORKSHOP

The Social Media Mining for Health Applications and Health Real-World Data (#SMM4H-HeaRD) Workshop provides an interdisciplinary forum for presenting and discussing advances in natural language processing (NLP), machine learning, and artificial intelligence at the intersection of health and web-based data. Now in its 11th edition, the #SMM4H-HeaRD 2026 Workshop will be held online and co-located with the 64th Annual Meeting of the Association for Computational Linguistics (ACL 2026).

This year's edition will emphasize privacy-preserving data sharing and real-world evaluation, particularly in the context of health-related text from sources such as social media, electronic health records, and biomedical literature. In alignment with the ACL 2026 Theme Track on the "Explainability of NLP Models", we also invite work that improves the transparency, interpretability, and trustworthiness of models applied in high-

Important Dates

 **JUL 02** CONFERENCE DATE
July 2-3, 2026

stakes clinical and public health contexts. Please see the website for additional information:
<https://healthlanguageprocessing.org/smm4h-2026/>

Important Dates

- Submission deadline: April 24, 2026
- Notification of acceptance: May 15, 2026
- Camera-ready papers due: May 25, 2026
- Workshop: July 2-3, 2026

****SHARED TASKS****

The Social Media Mining for Health Applications and Health Real-World Data (#SMM4H-HeaRD) shared tasks address natural language processing, machine learning, and artificial intelligence challenges involved in analyzing and modeling health-related content from social media and other real-world data sources. For each of the 8 tasks below, teams will be provided with annotated training and validation data to develop their systems, followed by 5 days during which they will run their systems on unlabeled test data and upload their predictions to CodaLab. Additional details about the tasks and system description papers can be found on the website. Please use this form to register:

https://forms.gle/oE9gfaNx_fw2f6gyX6

- Task 1: Detection of Adverse Drug Events in Multilingual and Multi-platform Social Media Posts
- Task 2: Detection of Insomnia in Clinical Notes
- Task 3: Estimating Flu Vaccine Effectiveness from Social Media Posts
- Task 4: Generation of Realistic Medical Dialogue-Note Pairs

- Task 5: Detection of Patient Metadata in SARSCoV-2 Sequencing Articles
- Task 6: Predicting TNM Staging from TCGA Pathology Reports
- Task 7: Extraction of Social and Clinical Impacts of Substance Use from Social Media Posts
- Task 8: Multilingual Clinical Entity Annotation Projection and Extraction

Important Dates

- Training and validation data available: January 11, 2026
- System predictions for validation data due: April 4, 2026
- Test data available: April 10, 2026
- System predictions for test data due: April 14, 2026
- Submission deadline for system description papers: April 24, 2026
- Notification of acceptance: May 15, 2026
- Camera-ready papers due: May 25, 2026
- Workshop: July 2-3, 2026

****ORGANIZING COMMITTEE****

- Graciela Gonzalez-Hernandez, Cedars-Sinai Medical Center, USA
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- Salvador Lima-López, Barcelona Supercomputing Center, Spain
- Judith Rosell, Barcelona Supercomputing Center, Spain
- Martin Krallinger, Barcelona Supercomputing Center, Spain

TOPICS OF INTEREST

2 topics

Research papers are invited in, but not limited to, the following areas:

Artificial Intelligence & Machine Learning

Medicine & Healthcare

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