

🌐 Denmark 📅 June 23, 2025

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CONFERENCE WEBSITE: <https://healthlanguageprocessing.org/smm4h-2025/>

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## | About the Conference

Social Media Mining for Health/Health Real-World Data (#SMM4H-HeaRD) 2025 Workshop and Shared Tasks

### WORKSHOP

The Social Media Mining for Health (#SMM4H) Workshop provides an interdisciplinary forum to present and discuss natural language processing, machine learning, and artificial intelligence at the convergence of social media and health. For the 10th #SMM4H Workshop, co-located at ICWSM 2025, we are broadening the scope to include additional web-based sources of "health real-world data" (HeaRD), inviting the submission of papers on original, completed, and unpublished research in all aspects at the intersection of web-based text data and health. Please see the website for additional information.

### Important Dates

Submission deadline: May 2, 2025

Notification of acceptance: May 23, 2025

Camera-ready papers due: June 6, 2025

Workshop: June 23, 2025

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 **JUN 23** CONFERENCE DATE  
**June 23, 2025**

## SHARED TASKS

The #SMM4H-HeaRD shared tasks address natural language processing, machine learning, and artificial intelligence challenges inherent to utilizing social media and other web-based text data for health-related research. For each of the 6 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/hSzDX3LjLUxp8wyC7>.

- Task 1: Detection of adverse drug events in multilingual and multi-platform social media posts
- Task 2: Extraction of clinical and social impacts of non-medical substance use from Reddit
- Task 3: Detection of dementia family caregivers on Twitter
- Task 4: Detection of insomnia in clinical notes
- Task 5: Detection and extraction of food recalls and foodborne disease outbreaks in online news articles
- Task 6: Detection of adverse vaccine events on Reddit

## Important Dates

Training and validation data available: February 14, 2025

System predictions for validation data due: March 31, 2025

Test data available: April 7, 2025

System predictions for test data due: April 11,

2025

Submission deadline for system description

papers: May 2, 2025

Notification of acceptance: May 23, 2025

Camera-ready papers due: June 6, 2025

Workshop: June 23, 2025

#### ORGANIZING COMMITTEE

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