M-DAIGT-ST 2025

**Proceedings
of the Multi-Domain Detection of AI-Generated Text
Shared Task**

associated with

**The 15th International Conference on
Recent Advances in Natural Language Processing
RANLP'2025**

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11 September, 2025
Varna, Bulgaria

The Multi-Domain Detection of AI-Generated Text Shared Task
Associated with the International Conference
Recent Advances in Natural Language Processing
RANLP'2025

PROCEEDINGS

Varna, Bulgaria
11 September 2025

Preface

Welcome to the Multi-Domain Detection of AI-Generated Text (M-DAIGT) shared task, held on September 11, 2025, in Varna, Bulgaria, as part of the Recent Advances in Natural Language Processing (RANLP) conference.

The last few years have witnessed an extraordinary leap in the fluency and versatility of text produced by Large Language Models (LLMs). These developments have not only opened new opportunities in natural language generation but have also raised critical concerns regarding information integrity, authorship verification, and the reliability of academic research. Detecting AI-generated text, particularly in domains where accuracy and trust are paramount, has therefore become an urgent research priority.

The M-DAIGT shared task was created to address this challenge by focusing on the detection of AI-generated text across multiple domains, with an emphasis on two particularly sensitive genres: news articles and academic writing. The task comprised two binary classification subtasks: News Article Detection (NAD) (Subtask 1) and Academic Writing Detection (AWD) (Subtask 2). To support participants, we developed and released a large-scale benchmark dataset containing 30,000 samples, balanced between human-written and AI-generated texts. The AI-generated texts were produced using a variety of modern LLMs (e.g., GPT-4, Claude) and diverse prompting strategies to ensure data diversity and robustness.

A total of 40 unique teams registered for M-DAIGT, of which four submitted final results. All four teams took part in both subtasks, bringing forward a diverse range of methodologies, from transformer-based deep learning models to feature-engineered and hybrid approaches. The proceedings of this shared task present the datasets, evaluation methodology, system descriptions, and results, offering insights into the current state of AI-generated text detection.

We hope that M-DAIGT will serve as a valuable step toward more reliable and domain-adaptive detection methods, and that it will inspire further research addressing the rapidly evolving capabilities of generative AI.

We thank the participating teams for their innovative contributions, the reviewers for their constructive feedback, and the organizing committee for their dedication to making this shared task possible. We look forward to seeing how the outcomes of M-DAIGT will shape future work in this important and dynamic area.

Salima Lamsiyah, General Chair, on behalf of the M-DAIGT organizing committee.

Organizing Committee

Salima Lamsiyah, University of Luxembourg, Luxembourg
Saad Ezzini, King Fahd University of Petroleum and Minerals, Saudi Arabia
Abdelkader El Mahdaouy, Mohammed VI Polytechnic University, Morocco
Hamza Alami, Sidi Mohamed Ben Abdellah University, Morocco
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