ArabicNLP 2025

The Third Arabic Natural Language Processing Conference

Volume 2. Proceedings of the ArabicNLP 2025 Shared Tasks

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Introduction

Welcome to the proceedings of the Shared Tasks at the **Third Arabic Natural Language Processing Conference (ArabicNLP 2025)**, co-located with **EMNLP 2025** in Suzhou, China, November 8–9, 2025. This volume represents a major achievement in collaborative Arabic NLP research, bringing together a total of **138 papers from 11 shared tasks** — including **11 overview papers** and **127 system description papers** from participating teams worldwide. This substantial collection reflects the growing vitality and maturity of the Arabic NLP research community and showcases the field's expansion into increasingly diverse and sophisticated challenges.

This collection highlights the community's growing interest toward evaluating, aligning, and extending these models for Arabic — across text, speech, and multimodal domains, as well as culturally grounded and ethically sensitive applications. This year marks a record milestone for ArabicNLP, featuring the largest number of shared tasks to date — **11 in total**. The process began with **26 submitted shared task proposals**, from which **11 shared tasks were accepted**, including **6 formed through successful mergers**. This outcome underscores the community's strong spirit of collaboration and its collective effort to design impactful, high-quality shared tasks.

Organization and Participation of the Shared Tasks

The 11 shared tasks at ArabicNLP 2025 are organized into three thematic tracks, each addressing critical needs and emerging priorities in Arabic language technology. **Together, they represent the community's most comprehensive shared task effort to date, covering speech, multimodal processing, text quality, and cultural and ethical evaluation in the era of large language models (LLMs).**

Track 1: Speech and Multimodal Processing This track features four shared tasks that advance Arabic language processing beyond traditional text:

- **ImageEval (Arabic Image Captioning)** — 8 papers
- **Iqra'Eval (Qur'anic Pronunciation Assessment)** — 5 papers
- **NADI 2025 (Multidialectal Arabic Speech Processing)** — 7 papers
- **MAHED 2025 (Multimodal Detection of Hope and Hate Emotions in Arabic Content)** — 23 papers

  These tasks address the pressing need for technologies that can process Arabic across different modalities and dialectal variations.

Track 2: Text Quality and Generation Assessment This track comprises four shared tasks focused on evaluating and enhancing Arabic text quality:

- **AraGenEval (Arabic Authorship Style Transfer and AI-Generated Text Detection)** — 16 papers
- **TAQEEM 2025 (Arabic Quality Evaluation of Essays in Multi-dimensions)** — 4 papers
- **BAREC 2025 (Arabic Readability Assessment)** — 17 papers
- **AraHealthQA 2025 (Comprehensive Arabic Health Question Answering)** — 15 papers

  These tasks tackle essential challenges in automated assessment, generation evaluation, and domain-specific question answering.

Track 3: Cultural and Ethical Evaluation of LLMs for Arabic This track introduces three groundbreaking shared tasks designed to evaluate large language models' understanding of Arabic culture and Islamic knowledge:

- **IslamicEval (Capturing LLMs' Hallucination in Islamic Content)** — 7 papers
- **PalmX 2025 (Benchmarking LLMs on Arabic and Islamic Culture)** — 9 papers
- **QIAS 2025 (Islamic Inheritance Reasoning and Knowledge Assessment)** — 16 papers

  These tasks represent a critical step toward ensuring that AI systems appropriately and accurately represent the cultural and religious contexts of Arabic-speaking communities.

Community Impact and Participation

The remarkable response to this year's shared tasks — with **127 system submissions across the 11 tasks** — demonstrates the Arabic NLP community's continued growth and dynamism. Participating teams represent a diverse range of institutions across multiple continents, including universities, research centers, and industry partners, reflecting both the global interest in Arabic NLP and the real-world relevance of these challenges.

The breadth of methodological approaches presented in these proceedings is particularly noteworthy, spanning traditional machine learning techniques, state-of-the-art transformer models, retrieval-augmented generation systems, and multimodal architectures. This methodological diversity not only reflects the field's technical maturity but also highlights researchers' creativity in addressing the unique challenges posed by Arabic language processing.

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Acknowledgments

We extend our sincere gratitude to the dedicated organizers of each shared task. Their expertise in task design, dataset development, evaluation framework creation, and ongoing participant support has been fundamental to the success of these shared tasks. The quality and impact of this volume are a direct reflection of their commitment and hard work.

We thank all participating teams whose innovative research pushes the boundaries of Arabic NLP. Their contributions address not only technical challenges but also important societal needs in education, healthcare, cultural preservation, content moderation, and ethical AI development.

We also acknowledge the program committee members, reviewers, and the ArabicNLP 2025 organizing committee for their invaluable support throughout the shared task cycle.

Finally, we gratefully acknowledge our platinum and gold sponsors whose support has made this conference and these proceedings possible.

We hope this volume serves as both a comprehensive record of the current state of Arabic NLP research and a foundation for future innovations that will continue to advance language technologies for Arabic-speaking communities worldwide.

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Website of the shared Tasks: https://arabicnlp2025.sigarab.org/shared-tasks

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Program

Friday, November 8, 2024

08:45 - 08:30 *Welcome & SIGARAB Update*

09:30 - 08:45 *Beyond Resources: Building an Arabic NLP Ecosystem Rooted in Representation, Collaboration, and Responsibility, by Dr. Houda Bouamor*

09:15 - 10:30 *LLM Benchmarking & Development (1)*

10:30 - 11:00 *Coffee Break*

11:00 - 12:30 *LLM Benchmarking & Development (2)*

12:30 - 14:00 *Lunch Break*

14:00 - 14:30 *Multimodality*

14:30 - 15:30 *Shared Tasks (1)*

The AraGenEval Shared Task on Arabic Authorship Style Transfer and AI Generated Text Detection
Shadi Abudalfa, Saad Ezzini, Ahmed Abdelali, Hamza Alami, Abdessamad Benlahbib, Salmane Chafik, Mo El-Haj, Abdelkader El Mahdaouy, Mustafa Jarrar, Salima Lamsiyah and Hamzah Luqman

AraHealthQA 2025: The First Shared Task on Arabic Health Question Answering
Hassan Alhuzali, Farah E. Shamout, Muhammad Abdul-Mageed, Chaimae Abouzahir, Mouath Abu Daoud, Ashwag Alasmari, Walid Al-Eisawi, Renad Al-Monef, Ali Alqahtani, Lama Ayash, Nizar Habash and Leen Kharouf

BAREC Shared Task 2025 on Arabic Readability Assessment
Khalid N. Elmadani, Bashar Alhafni, Hanada Taha and Nizar Habash

ImageEval 2025: The First Arabic Image Captioning Shared Task
Ahlam Bashiti, Alaa Aljabari, Hadi Khaled Hamoud, Md. Rafiul Biswas, Bilal Mohammed Shalash, Mustafa Jarrar, Fadi Zaraket, George Mikros, Ehsaneddin Asgari and Wajdi Zaghouani

Iqra'Eval: A Shared Task on Qur'anic Pronunciation Assessment
Yassine El Kheir, Amit Meghanani, Hawau Olamide Toyin, Nada Almarwani, Omnia Ibrahim, Yousseif Ahmed Elshahawy, Mostafa Shahin and Ahmed Ali

IslamicEval 2025: The First Shared Task of Capturing LLMs Hallucination in Islamic Content
Hamdy Mubarak, Rana Malhas, Watheq Mansour, Abubakr Mohamed, Mahmoud Fawzi, Majd Hawasly, Tamer Elsayed, Kareem Mohamed Darwish and Walid Magdy

Friday, November 8, 2024 (continued)

16:00 - 15:30 *Coffee Break*

14:30 - 15:30 *Shared Tasks (2)*

MAHED Shared Task: Multimodal Detection of Hope and Hate Emotions in Arabic Content
Wajdi Zaghouani, Md. Rafiul Biswas, Mabrouka Bessghaier, Shimaa Ibrahim, George Mikros, Abul Hasnat and Firoj Alam

NADI 2025: The First Multidialectal Arabic Speech Processing Shared Task
Bashar Talafha, Hawau Olamide Toyin, Peter Sullivan, AbdelRahim A. Elmadany, Abdurrahman Juma, Amirbek Djanibekov, Chiyu Zhang, Hamad Alshehhi, Hanan Aldarmaki, Mustafa Jarrar, Nizar Habash and Muhammad Abdul-Mageed

PalmX 2025: The First Shared Task on Benchmarking LLMs on Arabic and Islamic Culture
Fakhraddin Alwajih, Abdellah El Mekki, Hamdy Mubarak, Majd Hawasly, Abubakr Mohamed and Muhammad Abdul-Mageed

QIAS 2025: Overview of the Shared Task on Islamic Inheritance Reasoning and Knowledge Assessment
Abdessalam Bouchekif, Samer Rashwani, Emad Soliman Ali Mohamed, Mutaz Alkhatib, Heba Sbahi, Shahd Gaben, Wajdi Zaghouani, Aiman Erbad and Mohammed Ghaly

TAQEEM 2025: Overview of The First Shared Task for Arabic Quality Evaluation of Essays in Multi-dimensions
May Bashendy, Salam Albatarni, Sohaila Eltanbouly, Walid Massoud, Houda Bouamor and Tamer Elsayed

17:00 - 18:00 *Poster presentations + Shared Task posters*

Saturday, November 9, 2024

08:45 - 08:30	*Welcome*
09:30 - 08:45	*From Benchmarks to the Real-World Impact: Arabic LLMs in Production, by Dr. Areeb Alowisheq*
09:30 - 10:30	*Round Table (1)*
10:30 - 11:00	*Coffee Break*
11:00 - 12:30	*Education and Speech*
12:30 - 14:00	*Lunch Break*
14:00 - 14:30	*Legal & Agents*
14:30 - 15:30	*Arab Culture & Retrieval*
16:00 - 15:30	*Coffee Break*
16:00 - 17:00	*Discussion Roundtable (2)*