



Asemmas n Unadi deg Tutlayt d Yidles n tmaziyt – Bgayet
مركز البحث في اللغة و الثقافة الأمازيغية

Tagzemt n tasniremt, tasensuyelt akked usekker animan n tutlayin

Call for Papers

A National Conference on Natural Language Processing: Challenges and Applications

TALN2025 Bejaia

CRLCA Bejaia 04 & 05 Novembre 2025



www.crlca.dz

Oral communications are in person
and online

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TALN2025
NATIONAL CONFERENCE ON
NATURAL LANGUAGE PROCESSING

DG RSDT
البحث العلمي في خدمة المواطن

The interdisciplinary discipline of natural language processing (NLP) encompasses linguistics, computer science, and artificial intelligence. Its goal is to provide tools for processing text and speech in a variety of applications. NLP, which is created to meet the demands of the digital era, makes it easier to handle vast amounts of speech and text data, removes language barriers, and enhances information access, even for those with special needs. Through quick data analysis, it also maximises professional productivity and facilitates more natural interactions with technology. Furthermore, NLP plays a crucial role in the field of education and in the study of online social interactions, thus becoming an essential tool in our interconnected digital society. Natural Language Processing holds particular importance for the development and promotion of the Amazigh language. It offers tools for linguistic revitalization and the creation of digital resources, such as electronic dictionaries, textual and voice databases, as well as interactive applications. In other words, it enhances the accessibility and use of the Amazigh language in various contexts. This technology plays a key role in preserving the Amazigh linguistic and cultural heritage, supports education and linguistic research, and promotes the inclusion of Amazigh speakers in the digital space, allowing them to access information and services in their native language. We invite researchers, developers, and experts to seize the opportunity offered by TALN 2025 to gather around the challenges associated with automatic processing of the Amazigh language and, more broadly, natural languages. This scientific event will provide a forum for the exchange of research findings, innovative ideas, and practical applications, thus contributing to the enrichment of linguistic resources, the development of digital tools, and the promotion of linguistic inclusion in the digital sphere.

Proposed Themes: :

- -Practical applications of NLP;
- -Promotion of linguistic diversity and Socio-Economic impacts of NLP;
- -Speech Recognition and Speech Synthesis;
- -Machine Translation and Natural Language Understanding;
- -NLP serving people with specific needs;
- -NLP and the Amazigh language;
- -NLP and sentiment analysis;
- -Generative NLP;
- -Character Recognition and Image Processing;
- -Ethics and Responsibility in NLP;
- -Annotated corpora for the Amazigh language;
- -Tools and applications in learning;
- -Tools and applications in learning the Amazigh language;
- -Artificial Intelligence and the Amazigh language.

Proposals for communication should be sent before July 04, 2025 via the following link: <https://taln2025.sciencesconf.org/>

The Proposal Content:

- -First name and last name, institutional affiliation, email address
- -A title
- -An extended abstract (Minimum 3 pages) using the conference templates
- -Keywords (4 to 6)
- -A selective bibliography (3 to 6 references)

Important Dates:

- -First announcement and call for papers: May 12 th , 2025.
- -Paper submission deadline: July 04 th , 2025.
- -Paper notification: September 25 th , 2025.
- -Registration: October 20 th , 2025.
- -Conference days: November 4 th and 5 th , 2025.

Scientific Committee: :

- Pr. Tidjet Mustapha; CRLCA de Bejaia (Algérie)
- Pr. Slimani Hachem; Université de Bejaia (Algérie)
- Pr. Bibi Mohand Omer; Université de Bejaia (Algérie)
- Pr. Hamek Brahim; Université de Bejaia (Algérie)
- Pr. Ali Cherif Arab; Université de Paris 8 (France)
- Pr. Tari Kamel Ecole national supérieur en sciences et technologie de l'informatique (Algérie)
- Pr. Chaabane Djamel Université de USTHB (Algérie)
- Pr. Boulmarka Aissa The National School of Artificial Intelligence (Algérie)
- Dr. Zaidi Ali; CRLCA de Bejaia (Algérie)
- Dr. Azi Mourad; Université de Mila (Algérie)
- Dr. Sadou Malika; CRLCA de Bejaia (Algérie)
- Dr. Bousba Nasima; CRLCA de Bejaia (Algérie)
- Dr. Bezoui Madani; CESI-Ecole d'Ingénieurs, Nancy. (France)
- Dr. Guetiche Mourad ; Université de Mila (Algérie)
- Dr. Lamine Idir; ENS constantine (Algérie)

organizing committee: :

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- Lamine idir
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- Fetissi Fatah
- Tidjet Fadia
- Souici Siham
- Remila Brahim
- Bourechouche Kamel
- Amchiche Amina
- Kaci Nisset

Conference chairman :

Dr. Ali ZAIDI