National Hybrid Conference on Language and Technology:

Navigating Language in a Tech-Driven Society

September 30th, 2025

Venue of the Event: *The 30 Laboratories Building*

Chaired by Dr. Fatima Zohra ADDER and Dr. Lamia BENADLA

📅 **30-09-2025**   🕐 **09:00 - 15:00**   📹 **Google Meet Link**

Scope and Objectives of the Conference:

In a technology era, there have been profound changes in how people communicate. New language styles are popping up online, in a sense that technology affects languages worldwide, and in Algeria, in particular. Indeed, digital tools change our language habits, affect how we connect with each other, and create chances and problems for keeping different languages and cultures alive. This conference is addressed to researchers, linguists, and professionals to talk about the changing world of language in this digital age. It encourages conversations and teamwork to tackle big questions and use technology to make languages better and help society grow.

One key area of focus is how digital tools are changing communication and leading to new forms of language in online spaces. This includes looking at things like internet slang, how people from different backgrounds talk online, and how language is used in social media. Understanding these changes can help us see how technology affects the way we express ourselves and connect with others in the digital world.

Another important theme revolves around how language and identity are linked in multicultural situations, especially online. In a world where digital interactions often cross borders, it is important to understand how language helps shape and show who we are. This involves looking at how people use language to express their cultural background, connect with their heritage, and navigate different cultural norms in the digital sphere.

The rise of social media has had a huge impact on how languages change and evolve. Social media platforms have become breeding grounds for new dialects, slang, and communication styles, influencing everything from everyday conversations to broader cultural trends. Research in this area seeks to understand the dynamics of language change in the digital age, including the role of social media influencers, online communities, and viral content in shaping linguistic norms and practices.

In many parts of the world, some languages do not have as much digital support as others. This track is all about creating technologies that can help these languages survive and thrive in the digital world. This includes things like creating digital dictionaries, translation tools, and voice recognition software specifically for these languages. It is about making sure that all languages have a place in this digital world.

Artificial intelligence (AI) is also changing how we learn and teach languages. This track looks at how AI tools can be employed in language education, like personalized learning apps and AI tutors. It also looks at the challenges of using AI in the classroom, like making sure AI tools are fair and effective for all students.

Moreover, language technologies can be designed to address social problems, promote inclusion, and support marginalized groups. This involves using language technology to bridge communication gaps, combat misinformation, and promote understanding between different communities. It is about harnessing the power of language technology to create a more equitable and inclusive society.

Language research and technology development rely heavily on language corpora and annotation methods. This track explores the creation and use of language databases and annotation techniques for language research and technology development. It is about building resources that can aid researchers and developers better comprehend how language works and how it can be used in different applications.

As the world becomes more connected, being able to translate languages accurately is more important than ever. This track looks at the challenges and progress in machine translation, especially in places where many languages are spoken. It concerns finding

tools to make machine translation more accurate and reliable, so people can communicate easily across language barriers.

Finally, computers can now generate human-like texts for various purposes. This track focuses on how computers can create texts that sound natural, which can be utilized in writing content and creating Chabots. It is about pushing the boundaries of what computers can do with language and finding new ways to use AI in creative and practical applications.

The central theme is the interplay between language and technology. By examining digital communication, cultural identity, social media's influence, AI's role, and more, this conference seeks to provide a comprehensive understanding of how technology shapes language and communication. It aims to foster collaboration among researchers, linguists, and practitioners to address the challenges and opportunities presented by this evolving landscape, ultimately promoting linguistic innovation, cultural preservation, and social development in an increasingly interconnected world.

Tracks of the Conference:

1. Digital Communication and Linguistic Innovation: This track focuses on how digital technologies are changing the way we communicate and how new linguistic forms are emerging in digital spaces.

2. Language and Identity in Multicultural Contexts: This track explores the role of language in shaping and expressing identity in diverse cultural settings, especially in the context of digital interactions.

3. Social Media and Language Change: This track examines how social media platforms influence language evolution, creating new dialects, slang, and communication styles.

4. Language Technologies for Under-Resourced Languages: An axis that focuses on the development and application of language technologies to support and preserve languages with limited digital resources.

5. AI and Language Education: This track discusses the impact of artificial intelligence on language learning and teaching, including the use of AI-powered tools and the challenges of integrating AI in the classroom.

6. Designing Language Technologies for Social Issues: Explores how language technologies can be used to address social issues, promote inclusivity, and support marginalized communities.

7. Corpora and Annotation: Centers around the creation and use of language corpora and annotation techniques for language research and technology development.

8. Multilingualism and Machine Translation: This axis addresses challenges and advancements in machine translation, particularly in multilingual societies.

9. Natural Language Generation: This track explores the generation of human-like texts by computers, with applications in various fields such as content creation and chatbot development.

10. Language Resource Infrastructures: This axis centers around standards for language resources, metadata, policy issues, ethics, and legal issues

Scientific Committees:

President of the Scientific Committee: Dr. Fatima Zohra ADDER *(Tlemcen University)*

Prof. Amine BELMEKKI, University of Tlemcen

Prof. Meryem BABOU SEKKAL, University of Saida

Prof. Fatma KHERBACHE, University of Tlemcen

Prof. Wassila GRAIA BOUKLIKHA, University of Tlemcen

Dr. Mohamed KIES, University of Sidi Belabbes

Dr. Lamia BENADLA, University of Tlemcen

Dr. Hayat BAGUI, Naama University Center

Dr. Amina BENGUEDDA, University of Tlemcen

Dr. Hynd KAID SLIMANE, University of Tlemcen

Dr. Khadidja HAMMOUDI, University of Tlemcen

Dr. Khadija BELASKRI, University of Saida

Dr. Zouleykha BELLABES, University of Taref

Dr. Fatima-Zohra BELKHIR, University of Tlemcen

Dr. Ikram YOUCEF, Maghnia University Centre

Organizing Committee:

President of the Organizing Committee: Dr. Lamia BENADLA, University of Tlemcen

Dr. Adila BERRAZEG, Tlemcen University

Dr. Imane DIB, Tlemcen University

Mrs. Nadjia YAHIAOUI, University of Tlemcen

Ms. Zineb BENAYAD, University of Tlemcen

Ms. Aaicha HAMZAOUI, University of Tlemcen

Ms. Meryem SELKA, University of Tlemcen

Ms. Soumia Ghoutia ATTIG, University of Tlemcen

Mrs. Khadidja BENMANSOUR, Tlemcen University

Important Dates

September 05th, 2025: Deadline to receive abstracts

September 11th, 2025: Notification of acceptance

September 30th, 2025: Conference Date

Conference Contact Emails: *Please send your propositions to this email:*

languageconf2025@gmail.com

Participation Form

1. Personal Information

- **Full Name:**

- **University & Department:**

- **Email:**

- **Phone number:**

2. Title :

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3. Track:

4. Abstract

Abstracts of no more than 200 words

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