

**Special session**  
**Arabic Natural Language Processing**  
**at ISIA 2022.**

**Title of the special session:** Arabic Natural Language Processing: Developments and challenges.

**Description:** Arabic NLP has known important interest and growth in recent years as may witness the increasing number of publications in different NLP tasks over the world. Nevertheless, Arabic is still considered as a low resources language among the community and there is no dedicated workshops or special sessions in Algeria. Hence the objective of this session is to provide a venue at ISIA 2022 for Arabic NLP researchers whatever the problem they are addressing.

**Covered topics (but not exhaustive):**

- Arabic sentiment analysis.
- Arabic Hate Speech recognition.
- Arabic sarcasm and humor detection.
- Arabic fake news detection.
- Arabic text summarization.
- Arabic Information Retrieval.
- Arabic textual similarity.
- Arabic Question-answering systems.
- Arabic Machine Translation.
- Arabic Ontology Learning

**Chair:** Hassina Aliane, CERIST, Algeria.

**Scientific committee**

- Abdelkrim Meziane, CERIST, Algeria
- Ahmed Abdelali, QCRI, Qatar
- Ahmed Guessoum, USTHB, Algeria
- Ali Farghaly, San Francisco, USA
- Azzedine Maredj, CERIST, Algeria.
- Bahloul Belahcene, Khemis Miliana University, Algeria.
- Boualem Malek, Orange, France.
- Fatiha Sadat, Uqam, Canada.

- Hamid Azzoune, USTHB, Algeria.
- Hassina Aliane, CERIST, Algeria.
- Kais Hadar, Sfax University, Tunisia.
- Kamel Smaili, Loria, France.
- Khaled Shaalan, British University, Dubai.
- Khalid Choukri, ELDA, France.
- Johannes Heinecke, Orange Innovation, France.
- Lamia Berkani, USTHB, Algeria.
- Melyara Mezzi, Blida university, Algeria.
- Mounir Zrigui, Monastir University, Tunisia.
- Nadjia Benblidia, Blida University, Algeria.
- Nasredine, Semmar, CEO, Saclay, France.
- Messaoud Chaa, CERIST, Algeria.
- Mourad Loukam, Chlef University, Algeria.
- Fatma-Zohra Belkredim, Chlef University, Algeria.
- Omar Larouk, ENSSIB, France.
- Omar Nouali, CERIST, Algeria.
- Ruslan Mitkov, Wolverhampton, UK.
- Sahbi Sidhom, Loria, France.
- Seddik Bessou, Setif University, Algeria.
- Yassine Mami, Orange OBS, France.

### **Organizing committee**

- Belahcene Bahloul.
- Hassina Aliane.
- Messaoud Chaa
- Ahmed Amine Aliane
- Imene Setha.
- Fouzia Bourai.
- Ahlem Cherifa Khadir.

### **Submission guidelines:**

Papers should be written in English and should not exceed 06 pages using the IEEE template, <https://ieeexplore.ieee.org/xpl/conhome/9416515/proceeding> .

Papers for the special session must be submitted via email to: [anlp.isia2022@gmail.com](mailto:anlp.isia2022@gmail.com) and will be double blind reviewed.

### **Important dates:**

paper submission deadline: September 10th, 2022.

Notification for authors: October 30th, 2022.

Camera Ready: November, 10th 2022.

Special Session: November 30th, 2022.

### **Contact**

All questions about submissions should be emailed to: [anlp.isia2022@gmail.com](mailto:anlp.isia2022@gmail.com)