



# ICAITC'24

## International Conference on Artificial Intelligence & Telecommunication

October 28 and 29, 2024  
Constantine, Algeria



# ICAITC2024

**The 1st International Conference on Artificial Intelligence & Telecommunication (ICAITC'24)** will be held on October 28 and 29, 2024. The conference is organized by the Faculty of Technology Sciences, Constantine 1- Frères Mentouri University and the Satellites, Artificial Intelligence, Cryptography, Internet of Things Laboratory (LSIACIO).

The main objectives of the conference are to bring together researchers, academics, and industry professionals working in the fields of artificial intelligence, wireless networks, satellite IoT and cryptography, to exchange ideas, discuss recent advances, and identify new research directions. The conference aims to provide a platform for participants to present their research findings, share their experiences and challenges, and network with other experts in the field.

The conference will cover a wide range of topics related to wireless networks and satellite IoT, including emerging technologies and protocols, security and privacy issues, and applications in various domains such as healthcare, transportation, and agriculture. The role of cryptography and artificial intelligence in securing and optimizing wireless networks and IoT systems will also be discussed. Authors are invited to contribute to the conference by submitting articles that showcase their research results, projects, and survey work. The topics of interest will be related to one or more of the conference tracks, but are not limited to:

- **Track 1: Artificial Intelligence**
- **Track 2: Telecommunications**
- **Track 3: Internet of Things**
- **Track 4 : Cryptography**

### Honorary Chair

Pr. BOURAS Ahmed, Rector of Constantine 1 University, Algeria

### Conference General Chair

Pr. MESSAI Abderraouf, Dean of the Faculty of Technology, Constantine 1 University, Algeria

### Organizing Committee Chairs

Dr. ARIS Skander, Constantine 1 University, Algeria  
Dr. SADOUNI salheddine, Constantine 1 University, Algeria

### Organizing Committee

Pr. BELHANI Ahmed, Constantine 1 University  
Dr. IKHLEF Ameer, Constantine 1 University  
Dr. KHEL Moloud, Constantine 1 University  
Dr. ZELTNI Kamel, Constantine 1 University  
Dr. CHEBOUBA Lokmane, Constantine 1 University  
Dr. Amari Merzoug, Constantine 1 University  
Dr. BOURBIA Ouassila, Constantine 1 University  
Dr. BENZADRI Zakaria, Constantine 2 University  
Dr. LAKHDARA Zakaria, Constantine 2 University

### Contact us :

[icaitc@tmp.umc.edu.dz](mailto:icaitc@tmp.umc.edu.dz)

### Website :

<https://fac.umc.edu.dz/st/icaitc2024/>

# IMPORTANT DATES

**Papers Submission Deadline: August 15, 2024**

**Notification of Acceptance: September 15, 2024**

**Camera-ready papers Submission: October 01, 2024**

**Conference Date: October 28 and 29, 2024**

## AUTHORS GUIDELINES

Prospective authors are encouraged to submit a paper (typically 5-10 pages in standard CEUR-WS two-column format) that includes a comprehensive description of their proposed contribution along with results, appropriately situated within the related state of the art.

For formatting your paper in Word version, you can use the following link: <http://ceur-ws.org/Vol-XXX/CEURART.zip> to download the CEURART.zip file. Afterward, please follow the CEUR-Template-2col.docx template to ensure proper formatting.

To format your paper in LaTeX, you can follow the "sample-2col+minted.tex" template provided in the following link: <https://www.overleaf.com/latex/templates/template-for-submissions-to-ceur-workshop-proceedings-ceur-ws-dot-org/wqyfdgftmcfw>

Papers must be written in English and must be submitted electronically in PDF format to the conference email address: [icaite@tmp.umc.edu.dz](mailto:icaite@tmp.umc.edu.dz). All papers will undergo double-blind peer review process for acceptance, which will be based on quality, relevance, originality, and presentation. It is mandatory that all papers submitted to the ICAITC 2024 conference are previously unpublished and have not been submitted for publication elsewhere. For more information, contact us at: [icaite@tmp.umc.edu.dz](mailto:icaite@tmp.umc.edu.dz)

The proceedings shall be submitted to CEUR-WS.org for online publication

## VENUE

**Constantine 1 University, Constantine, Algeria**

## PARTNERS



### Scientific Committee

Pr. MESSAI Abderraouf, Constantine 1 University, ALGERIA  
Pr. FAROUKI Atef, Constantine 1 University, ALGERIA  
Pr. HAMOUDI Zouhier, Constantine 1 University, ALGERIA  
Pr. BARKAT Ouarda, Constantine 1 University, ALGERIA  
Pr. LAROUCI Toufik, Constantine 1 University, ALGERIA  
Pr. SOLTANI Faouzi, Constantine 1 University, ALGERIA  
Pr. REDDADAA Saleh, Guelma University, ALGERIA  
Pr. FORTAKI Tarek, Batna University, ALGERIA  
Pr. BENATIA Djamel, Batna University, ALGERIA  
Pr. KEMIH Karim, Jijel University, ALGERIA  
Pr. AIT KAKI Mouhamed, Oum el Bouaghi, University, ALGERIA  
Pr. LAMAMRA Kheireddine, Oum el Bouaghi University, ALGERIA  
Pr. LASHABMouhamed, Oum el Bouaghi University, ALGERIA  
Dr. ARIS Skander, Constantine 1 University, ALGERIA  
Dr. BELHANI Ahmed, Constantine 1 University, ALGERIA  
Dr. SADOUNI Salheddine, Constantine 1 University, ALGERIA  
Dr. CHIKH Kheireddine, Constantine 1 University, ALGERIA  
Dr. BENZADRI Zakaria, Constantine 2 University, ALGERIA  
Dr. LAKHDARA Zakaria, Constantine 2 University, ALGERIA  
Dr. ZEBIRI Chamseddine, Setif 1 University, ALGERIA  
Pr. DRIRA Khalil, University of Toulouse, France  
Pr. TIBERMACHINE Chouki, University of Montpellier, France  
Pr. MAIMOUR Moufida, University of Lorraine, France  
Pr. CURRAN Kevin, Elster University, UK  
Pr. BISKRI Ismail, University of Quebec, CANADA  
Pr. DENIDNI Tayeb A., University of Quebec, CANADA  
Pr. BOUGUETTAYA Athman, University of Sydney, AUSTRALIA  
Pr. BATATIA Hadj, Heriot-Watt University – Dubai- UAE  
Pr. HAROUS Saad, University of Sharjah, UAE  
Pr. BENLAMRI Rachid, University of Doha, Qatar  
Pr. SLIMANI Yahya, University de Laménouba, TUNISIA