



ICACTCE'26
Marrakech, Morocco

ICACTCE'26

The 5th International Conference on Advances in
Communication Technology and Computer Engineering

WHEN	WHERE · MOROCCO	FORMAT
22–23 Oct 2026	Marrakech	Hybrid conference

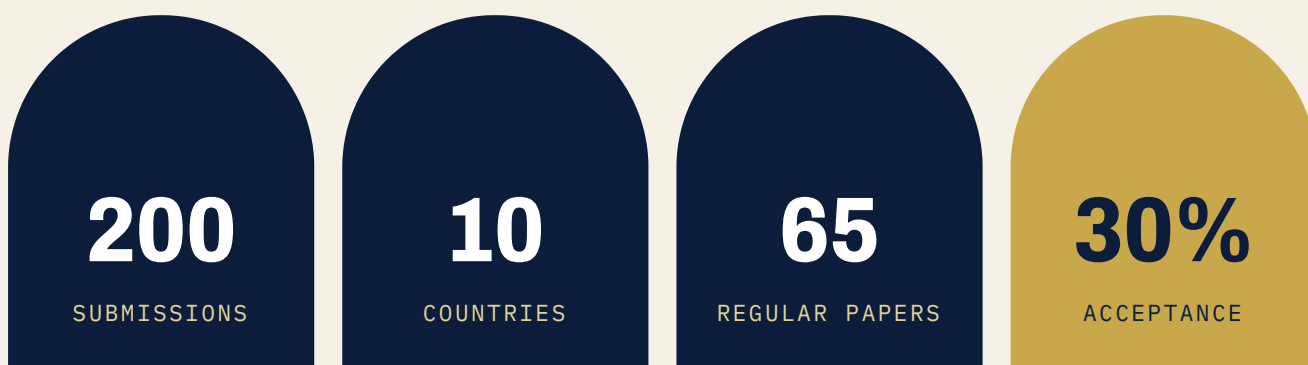
WELCOME

About the conference

The International Conference on Advances in Communication Technology and Computer Engineering (ICACTCE) is an annual peer-reviewed scientific conference bringing together researchers, academics, engineers, and industry practitioners from around the world to share cutting-edge knowledge, foster interdisciplinary collaboration, and explore the latest innovations at the intersection of communication technologies and computer engineering.

Since its inaugural edition in 2021, ICACTCE has grown into a well-established international forum, attracting contributions from leading universities, research centers, and industry organizations across five continents. Each edition has strengthened the conference's reputation as a venue for original, high-quality research in artificial intelligence, the Internet of Things, cybersecurity, and smart systems.

Now in its 5th edition, ICACTCE'26 takes place on 22–23 October 2026 in Marrakech, Morocco, in hybrid mode. Previous proceedings have been published in the Lecture Notes in Networks and Systems (LNNS) series by Springer Nature, ensuring broad international visibility and indexation for all accepted contributions.



Each submission was reviewed by at least three chairs or programme committee members. We would like to thank all authors and reviewers for their work and valuable contributions. The friendly and welcoming attitude of conference supporters and contributors made this event a success.



The Conference Chairs

TWO DAYS • HYBRID • ALL TIMES GMT

Programme at a glance

DAY 1 • PHYSICAL

Thursday 22 October

- 08:30-09:00 Registration
- 09:00-09:30 Opening speech
- 09:30-10:30 **KEYNOTE 1**
Prof. Dr. Hanane Lamaazi
- 10:30-11:00 Break
- 11:00-12:30 **PHYSICAL SESSION I**
AI for Intelligent Applications and Digital Innovation
- 12:30-14:00 Lunch break
- 14:00-15:00 **KEYNOTE 2**
Dr. Mohamed Bassi
- 15:00-17:00 **PHYSICAL SESSION II**
Secure and Resilient Smart Systems
- 17:00-18:00 Closing ceremony

DAY 2 • ONLINE

Friday 23 October

- 09:00-09:45 **KEYNOTE 3**
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- 09:45-10:00 Break
- 10:00-12:00 **3 PARALLEL SESSIONS**
Online Sessions I • II • III
Cybersecurity • Healthcare & Education • Networks, Cloud & IoT
- 12:00-14:00 Break
- 14:00-14:45 **KEYNOTE 4**
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- 14:45-15:00 Break
- 15:00-17:00 **3 PARALLEL SESSIONS**
Online Sessions IV • V • VI
Trustworthy AI & Vision • ML for Prediction • Robust AI & Smart Applications
- 17:00-17:30 Closing ceremony

● Keynote ● Physical session ● Online session ○ Ceremony / break

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Technical sessions — 2 physical, 6 online

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Paper presentations

THREE TRACKS

Conference topics

Communication Networks

- ◆ Wireless Communications
- ◆ Mobile Ad-Hoc Networks
- ◆ Software Defined Networks
- ◆ Information Theory and Coding
- ◆ Cloud Communications and Networking: Fog / Edge / Cloud
- ◆ Wearable Network and Systems
- ◆ Personal Communication Systems
- ◆ Vehicular Networks and Applications
- ◆ M2M and MTC Communications
- ◆ Internet of Things
- ◆ Architecture and Protocols
- ◆ Satellite Communication
- ◆ Quantum Networking
- ◆ QoS Provisioning and Architectures
- ◆ Computer Security
- ◆ Network Security
- ◆ Cyber Security

Computational Intelligence

- ◆ Big Data
- ◆ Data Mining
- ◆ Artificial Intelligence
- ◆ Evolutionary Algorithms
- ◆ Swarm Intelligence
- ◆ Fuzzy Sets and Vague Sets
- ◆ Hybrid Computational Intelligence
- ◆ Gamification / Game Technologies
- ◆ Digital Public and Policy Engagement Spaces
- ◆ Computer Vision
- ◆ Soft Computing
- ◆ Decision Support and Decision Making
- ◆ Image Processing

Embedded Systems & Smart Applications

- ◆ Industry 4.0
- ◆ Robotics
- ◆ Smart Cities
- ◆ Smart Grid
- ◆ Green Energy
- ◆ Renewable Energy and Storage
- ◆ Smart Healthcare
- ◆ Smart Agriculture

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INVITED SPEAKERS · PHYSICAL DAY

Keynote talks



KEYNOTE 1 · THU 22 OCT · 09:30-10:30

Prof. Dr. Hanane Lamaazi

College of Information Technology (CIT), UAE University, UAE

TALK

Trusted Intelligence: Securing AI, Preserving Privacy, and Building Cyber Resilience

Prof. Dr. Hanane Lamaazi is an Assistant Professor in the College of Information Technology (CIT) and a Senior Faculty Fellow with the Center for Excellence in Teaching and Learning (CETL) at UAE University. She is an active member of the Cybersecurity Pulse Initiative promoted by the General Women Union in collaboration with the Cybersecurity Council in UAE. She was a Postdoctoral Fellow with the Center for Cyber-Physical Systems at Khalifa University of Science and Technology, UAE, from 2019 to 2022, and obtained her Ph.D. in Computer Sciences and Networks at Moulay Ismail University of Meknes, Morocco, in 2018. Her research interests include the Internet of Things (IoT), RPL routing protocol, edge computing, crowdsensing/crowdsourcing, cybersecurity, and risk management. She is a TPC member of several scientific conferences and an active reviewer for several highly reputed journals.

Session chair: **Prof. Nawal Ait Aali**

KEYNOTE 2 · THU 22 OCT · 14:00-15:00

Dr. Mohamed Bassi

Arias Tech Solutions, Marrakech, Morocco

TALK

From SAR Imagery to Operational Response: An AI System for Oil Spill Detection and Trajectory Forecasting

Dr. Mohamed Bassi is the Head of Data Science at Arias Tech Solutions in Marrakech, where he leads advanced environmental and maritime AI initiatives. He holds an Engineering degree in Statistics and Operations Research and a Ph.D. in Applied Mathematics from the University of Normandie (INSA Rouen). His expertise spans uncertainty quantification and deep learning, focusing on developing Earth observation systems to monitor maritime pollution, natural disasters, and environmental ecosystems.

Session chair: **Prof. Nawal Ait Aali**

INVITED SPEAKERS · ONLINE DAY

Keynote talks



KEYNOTE 3 · FRI 23 OCT · 09:00-09:45 · ONLINE

Prof. Dr. Yassine Maleh

Sultan Moulay Slimane University, Beni Mellal, Morocco

TALK

Securing Healthcare in the AI Era: The Double-Edged Sword

Prof. Dr. Yassine Maleh is an Associate Professor of Cybersecurity and IT Governance at Sultan Moulay Slimane University, Morocco. He is the founding chair of the IEEE Consultant Network Morocco and founding president of the African Research Center of Information Technology & Cybersecurity. His research focuses on information security and privacy, Internet of Things security, network security, information systems, and IT governance. He has published more than 200 research papers, 40 edited books, and 10 authored books. He serves as editor-in-chief and associate editor for several international journals, has chaired and contributed to numerous international conferences, and received the Publons Top 1% Reviewer Award in 2018 and 2019.

Session chair: **Prof. Safaa Laqtib**

KEYNOTE 4 · FRI 23 OCT · 14:00-14:45 · ONLINE

Prof. Dr. Hajar Moudoud

Université du Québec en Outaouais (UQO), Canada

TALK

Large Language Models as Both Weapon and Shield in Modern Cybersecurity

Prof. Dr. Hajar Moudoud is a Professor in the Department of Computer Science and Engineering at the Université du Québec en Outaouais (UQO), Canada. She holds a B.Eng. in Software Engineering from the Mohammadia School of Engineers, Rabat, Morocco (2018), and dual Ph.D. degrees in Computer Engineering from the University of Sherbrooke, Canada, and the University of Technology of Troyes, France, both awarded in 2022. Before joining UQO, she held research scientist positions at several institutions, contributing to projects on network security using machine learning. Her research interests include IoT security, machine and deep learning for intrusion detection, and blockchain-based security for next-generation networks.

Session chair: **Prof. Meriem Houmer**

DAY 1 · PHYSICAL MODE · MARRAKECH

Thursday 22 October

All times GMT

08:30-09:00	Registration
09:00-09:30	Opening speech
09:30-10:30	KEYNOTE 1 · PROF. DR. HANANE LAMAAZI Trusted Intelligence: Securing AI, Preserving Privacy, and Building Cyber Resilience Chair: Prof. Nawal Ait Aali
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12:30-14:00	Lunch break
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15:00-17:00	PHYSICAL SESSION II · 8 PAPERS · P. 14 Secure and Resilient Smart Systems Chairs: Prof. Abdellah Nabou · Prof. Mohammed Aftatah
17:00-18:00	Closing ceremony

DAY 2 · ONLINE MODE

Friday 23 October

All times GMT

09:00-09:45

KEYNOTE 3 · PROF. DR. YASSINE MALEH

Securing Healthcare in the AI Era: The Double-Edged Sword

Chair: Prof. Safaa Laqtib

09:45-10:00

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10:00-12:00

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Chairs: Prof. Abdellah Nabou · Prof. Mohammed Aftatah



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AI-Driven Cybersecurity and Threat Detection

Chairs: Prof. Hemant Kumar Saini · Prof. Zahra Oughannou



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Chairs: Prof. P R Anisha · Dr. Fatima Zahra Ouariach



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Chairs: Prof. Kishor Kumar Reddy C · Dr. Ghita Lazrek



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