



International Conference on Intelligent Computing and Creative Education ICICE 2025

December 21, 22 and 23, 2025 in Sousse-Tunisia



Call for contributions ICICE2025

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PRESENTATION

Computing is a critical driving force for the development of innovative technologies that support better quality of life of human beings. In recent years, we have witnessed the emergence of the era of digital revolution as a result of the significant advancement in computer science software and hardware. This gave birth to the new paradigm of intelligent computing which is reshaping traditional computing and promoting the extensive use of big data, artificial intelligence, and internet of things with new computing theories, methods, architectures and applications.

These scientific and technological breakthroughs have greatly broadened the scope of computing, extending it from traditional computing on data to increasingly diverse computing paradigms and applications such as medical diagnosis and prognosis, creative education and training, artificial intelligence, virtual and augmented reality and augmented human, innovative product design ...etc.

Despite the important research and development made in the recent decades, a cross-fertilization among application domains is necessary to ensure an abundance of innovations in the theories, systems, and applications. This can be driven by the promotion of interdisciplinary research involving research communities from engineering science, medicine, education and industry.

The objective of the ICICE2025 conference is to gather scientists, engineers, researchers, technicians and industrial representatives to present their cutting-edge studies on Computing Systems, Medical Research Smart Energy, Creative Education, Pedagogical Research and form an interdisciplinary academic forum to discuss the scientific and engineering issues to reach mature systems that can be applied in real world. The potential audience can be Master/Ph.D. and postgraduate students, research scholars, medical doctors and all members of academic communities relating to diverse fields of Engineering. The conference includes the presentation of research papers, posters and keynote talks delivered by prominent speakers focusing on the state-of-the-art of technologies and future research directions in the fields of the conference topics.

TECHNOLOGICAL INNOVATION AWARD



A technological innovation competition will be organized during the conference and the winners will be awarded prizes for their distinguished contributions

SOUSSION

Two modalities of contributions are possible:

- Research papers (maximum 8 pages) which present the results of a completed research work,
- Posters representing in-progress innovative projects and including initial research results.

Contributions submitted in English (for papers) must respect the ICICE2025 standard templates for papers, workshops and posters that can be downloaded from our site:

<https://sites.google.com/view/icice2025> (submission section)

The submission of contributions is made exclusively by using the following email address:

soumissionicice2025@gmail.com

PUBLICATION OF SELECTED ARTICLES

All accepted complete papers will be published in an international journal in both print and digital mode. Authors of the best papers will have the opportunity to submit extended versions of their papers for consideration in renowned journals.

IMPORTANT DATES

Papers and Posters submission deadline:

09/30/2025

Notification of acceptance:

10/15/2025

Camera ready papers and posters submission deadline:

11/30/2025

THE TOPICS

Track I: Intelligent Computing and Systems:

- Information Systems, Technologies and Applications
- Artificial intelligence (Machine Learning and Deep Learning)
- Big Data, Data Management and Data Analytics
- Computers in Medicine
- Hardware Technology and systems on chip
- Internet of Things (IoT)
- Image and Multidimensional Signal Processing
- Network Management
- Quantum Computers
- Robotics
- Virtual Engineering, Virtual and Augmented Reality
- Visual Analytics
- Cloud Computing and Data Center Systems
- Algorithms and Theory
- Security and Privacy
- Energy Management and Green Computing
- Intelligent Renewable Energy Systems
- Cryptography and Applied Mathematics
- Sensor Networks & Systems
- Cryptography and Applied Mathematics
- Local Algorithms and Congestion Aware Algorithms
- Natural Language Processing
- Affective Computing
- Semantic Web Service Architecture for E-Commerce
- Intelligent Transport Systems
- Intelligent Paradigms for Smart Agricultural and Food Science
- Agricultural intelligence models
- AI in management control
- Data-driven decision making
- Agile management
- Business Intelligence

Track II: Creative Education

- Innovative teaching models and methods
- E-Learning & technology skills
- Learning skills and styles
- Curriculum development and design
- Problem solving
- Game-based learning
- Disabilities and inclusive education
- Early childhood education and development
- Psychological skills in education
- Interactive lessons
- Artificial intelligence in education
- Blended learning
- Project-based learning
- Personalized teaching
- Assessment and evaluation
- Cognitive and creative skill development
- Social and emotional learning
- Education policy and reform
- Language skills
- Vocational education, Lifelong learning and skill development

Track III: Innovative medical research & Practices

- Intelligent Computing-Based Diagnosis
- AI and digital twins for sustainable public health
- Aging Related disorders
- Mental Health and Mental Disorders
- Preventive Medicine
- Health Information Systems and Technologies
- Virtual surgery and Training
- Telemedicine
- Home-Based Therapy and Patient Care
- Stroke Prevention and Stroke Risk Factors
- Hyperacute and Acute Stroke Treatment
- Intravenous Thrombolysis and Endovascular Clot Retrieval
- Carotid Revascularization
- Stroke Neuroimaging
- Transient Ischemic Attacks
- Post Stroke Complications
- Technological Innovations and Emerging Stroke Therapies
- Vascular Cognitive Impairment and Dementia
- Stroke Risk Factors
- Atherosclerosis and Vascular Ageing
- Post-Stroke Rehabilitation, Recovery and Patient's Monitoring



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