INTERNATIONAL CONFERENCE ON COMPUTATIONAL ENGINEERING, ARTIFICIAL INTELLIGENCE AND SMART SYSTEMS
IC²EAIS²2025
29-31 October 2025; Djanet, Algeria

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Call for papers

Multidisciplinary Engineering is a currently proliferating area in which focus is put on an engineering practice by combining several academic disciplines. Computational Engineering is a modern and multidisciplinary science for computer-based modeling, simulation, analysis, and optimization of complex engineering applications and natural phenomena. Sitting at the intersection of computer science and applied math, Computational Engineering deals with mathematical techniques for modeling and simulation of complex systems; parallel programming and collaborative software development; and methods for organizing, exploring, visualizing, processing, and analyzing very large data sets. Computational Engineering includes fundamental engineering and science, and advanced knowledge of mathematics, algorithms and computer languages. On the other hand, intelligent systems engineering offers the next generation of solutions, powered by computing and artificial intelligence. Intelligent systems are technologically advanced machines that are designed to respond to some specific requirements. In Intelligent Systems Engineering, the scope is about creating systems that sense and react to their environments. The aim of this conference is to bring together scientists, research individuals and industrials to share knowledge and findings about the topics within the scope of the conference. The purpose is to provide a platform for possible collaboration and exchange of ideas to advance more in this field. Topics of interest include, but not limited to:

Biomedical engineering and applications ; Computational study of biological systems ; Climate modeling ; Energy systems ; Modeling and simulation ; Multiphysical models and co-simulation ; Cybersecurity ; Data Science and Engineering ; High Performance Computing ; Optimization ; Multi-agent systems ; Evolutionary computation ; Artificial intelligence ; Complex systems ; Computation intelligence and soft computing ; Intelligent control ; Advanced control technology ; Robotics and applications ; Embedded systems, Intelligent information processing ; Iterative learning control ; Machine learning ; Renewable energies, Smart grids and systems.

Djanet is an oasis city, and capital of Djanet District as well as of Djanet Province, southeast Algeria. It is located 412 km south of Illizi. According to the 2008 census it has a population of 14,655, up from 9,699 in 1998, and an annual population growth rate of 4.3%. It is inhabited by the Kel Ajjer Tuareg people. The region of Djanet has been inhabited since Neolithic times. There were periods of ten thousand years at a time that the area was not desert. The flora and fauna were luxuriant as is seen in the numerous rock paintings of Tassili n'Ajjer around Djanet. Populations of hunter-gatherers lived there. Djanet was founded in the Middle Ages by the Tuareg. The Ottoman Empire, which had a nominal authority over the Fezzan region, reinforced their presence in the area at the beginning of the 20th century in reaction to the colonization of Africa by the Europeans. Djanet, and the nearby towns of Azelouaz, El Mihan, Adjahil and Eferi, lie in a valley carved by the intermittent river (wadi) Oued Idjeriou through the southwest edge of the Tassili n'Ajjer mountain range and east of the Erg Admer sand dunes. The Tadrart Rouge is located to the southeast and is a southern prolongation of the Libyan Tadrart Acacus. Due to the somewhat cooler air, higher humidity and somewhat higher rainfall in these areas, the nearby mountains support a greater amount and variety of wildlife than lower-lying areas in the Sahara, and forms part of the West Saharan montane xeric woodlands ecosystem. Djanet itself lies at an altitude of 1,035 metres, but the mountains to the east and north reach as high as 1,905 metres. Djanet has a hot desert climate (Köppen climate classification *BWh*), with very hot summers and mild winters.

Submission

Authors are invited to prepare an up-to-three page extended abstract using the abstract template available in the conference website. English is the official language of the conference. Authors can submit their abstracts through the CMT submission system at:
https://cmt3.research.microsoft.com/ICCEAISS2025
After the conference, the authors of presented works will be contacted to submit full papers to some indexed journals.

Important dates

Abstract submission deadline: September 30, 2025
Notification to authors: Two weeks after submission
Conference dates: 29-31 October, 2025.

Registration

At least one author must register for the submission to be included in the conference proceedings. For more details, visit the conference website at: http://www.ncceaiss.org/