

THIRD CALL FOR PAPERS ACTEA'23

5th Int'l Conference on Advances in Computational Tools for Engineering Applications | July 5 till 7, 2023



Computational tools are evolving rapidly and applied to a wide variety of engineering fields and disciplines. The benefits of using computer simulations in production and research are indisputable, and involve more efficient utilization of resources and its resulting cost saving. ACTEA'23 aims at bringing together researchers and engineers, and providing a common platform for all experts dealing with computational tools to advance the state of knowledge by sharing research results and pioneering views about recent trends and developments. ACTEA'23 is the fifth edition in a series that started in 2009 and is being sponsored by local sections/branches of major societies operating in the country. Proceedings of previous editions of the conference are available online at the IEEE Xplore platform.

Engineering applications of interest include, but are not limited to

Control & Automation

Control Systems, Mechatronics, Robotics, Computer Aided Manufacturing, Process Control, Engineering Optimization.

Electrical & Computer Technologies

Electromagnetics, Microelectronics, Power Electronics, Power System Analysis, FPGA, Semiconductor and Optoelectronic Devices, Communication and Signal processing, Cloud Computing.

Energy & Environment

Energy Technologies, Thermal and Fluid Sciences, Pollution, Traffic and Transportation Engineering, Urban Environment, Oil & Gas, Hydraulics and Hydrology.

Engineering Systems

Geotechnical/Geophysical, Structural, Sustainability, Materials, Mechanics, Bioengineering, Mathematical Modeling, Project Management.

Engineering Education

Software, Teaching/Learning Tools.

IMPORTANT DEADLINES

Submission of manuscripts (4-6 pages)
 Extended submission date
 Notification of acceptance
 Submission of final paper

January 31, 2023
March 31, 2023
April 30, 2023
May 31, 2023

Information

- > The language of the conference is English.
- > Accepted papers will be published in the conference proceedings, which will be submitted for inclusion in the IEEE Xplore Digital Library.
- > All papers must be submitted electronically through the conference website: <http://www.ndu.edu.lb/actea/home>. The works must be original and not published.
- > At least one of the authors of an accepted paper must register and attend the conference to present the work.

Location

The conference will be held at Notre Dame University-Louaize in Zouk Mosbeh (10 km north of Beirut), a lovely place squeezed between the Mediterranean Sea and the cavernous Jeita Grotto, which is one of the most impressive subterranean displays of stalactites and stalagmites of the planet. ACTEA'23 offers the opportunity to explore Lebanon with its legendary hospitality, natural and touristic sites, and delicious food; it is indeed a unique place to visit. The area offers some of the best of Lebanon in hotels, restaurants, shopping centers, theaters, cinemas, art galleries, and sand beaches.

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