IEEE LA-CCI 2024

2024 IEEE LATIN AMERICAN CONFERENCE ON COMPUTATIONAL INTELLIGENCE

November 13th - 15th, 2024 – Bogota D.C., Colombia

CALL FOR PAPERS

First decade of the Latin American Conference on Computational Intelligence LACCI will be held in Colombia, 2024. LACCI aims to bring together the Soft Computing community to present the latest achievements and innovations in the multiple areas of Computational Intelligence, encourage participation by young researchers and following the LACCI Manifesto: to provide a high-level international forum for scientists, researchers, engineers, professionals and educators to disseminate their latest research results and exchange views of the future research directions in the area of Computational Intelligence.

We hope that local academy and industry will take active participation in IEEE LACCI 2024. Papers will be reviewed by an international technical committee under the IEEE standard procedure and accepted papers must be presented in oral session. This process is mandatory for the paper to be published in the conference proceedings (IEEE Xplore database, including ISBN).

TOPICS

We encourage the submission of original, unpublished research focused on (but not limited to) the following topics of interest:

Main-Tracks:
* Evolutionary & Swarm Computation: Genetic Algorithms, Genetic Programming, Artificial Immune Systems, Swarm Intelligence, Collective Intelligence, Evolvable Hardware, Bio-inspired Methods.
* Neural & Learning Systems: Neural Networks, Machine Learning, Complex Systems, Molecular and Quantum Computing, Complex Networks.
* Fuzzy & Stochastic Modeling: Fuzzy Systems, Fuzzy Control & Decision Making, Uncertainty Analysis, Rough Sets, Fractals, Multiagent Systems, Reinforcement Learning, Game Theory.
* Other Topics Around CI: Neural hardware Education,
Ethics and CI, Bioinformatics, Industry 4.0, Internet of things, Natural language processing, Smart grid applications

IMPORTANT DATES

Submission: April 20th,2024
Notification: July 22th, 2024
Camera-ready: August 27th, 2024
Registration: September 30th, 2024
Conference: November 13th - 15th, 2024

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PAPER SUBMISSION

We invite authors to submit high-quality full papers reporting original and novel research results on all above topics. Papers must be written in English, unpublished and not submitted elsewhere. Full papers must be formatted as the standard IEEE double-column conference template and submitted exclusively using the link https://easychair.org/conferences/?conf=ieeelacci2024. Maximum 6 pages are allowed for each paper, including all illustrations and references.

Publication and Special Issues:
1) Selected papers of LACCI will be indexed by IEEEXplore library
2) Top papers of LA-CCI will be published as extended versions in top journals related to the area.

VENUE

The life of the Colegio Mayor de Nuestra Señora del Rosario has been inseparable from that of Colombia, both nourishing and developing one another throughout their histories. The Colegio del Rosario was founded in 1653 by the Archbishop of Santa Fe Friar Cristobal de Torres y Motones, with the permission of King Felipe IV, to teach Theology, Jurisprudence, Medicine, and with basic training in Philosophy.
Initially, the Founder appointed two Dominican friars as rector and vice-rector, but reserved the right to appoint the Colegiales, who would enjoy a full scholarship and live in the cloister until graduation for more or less seven years. The Dominicans, brothers in the Founder's religion, understood the donation of the school in an absolute sense and intended to incorporate it as part of the dominican religious community. Realising this, the Founder then proceeded to revoke the donation and to secularize the College, a process completed by Dr. Cristobal de Araque. Address: Claustro Campus – Calle 12C Nº 6-25 – Bogotá D.C. Colombia.

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