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## First call for papers

8th IEEE Latin American Conference on Computational Intelligence

November 23-25, 2022

Location: Montevideo, Uruguay

jointly with

IEEE CIS Summer School on Computational Intelligence and Applications

November 22, 2022



Please visit <https://la-cci.org/> or contact: [lacci2022@fing.edu.uy](mailto:lacci2022@fing.edu.uy) for more information.

The IEEE Latin American Conference on Computational Intelligence 2022 aims to (1) bring together the Soft Computing community to present the latest achievements and innovations in the multiple areas of Computational Intelligence; (2) to encourage participation by young researchers and, according to the LA-CCI Manifesto, (3) to provide a high-level international forum for scientists, researchers, engineers, professionals and educators to disseminate their research results and exchange views of the future directions for the area of Computational Intelligence

## MAIN TOPICS

**Evolutionary & Swarm Computation:** Evolutionary Computation, Swarm Intelligence, Artificial Immune Systems, Novel metaheuristics and hyper-heuristics, Memetic and Collective intelligence, Nature and Bio-inspired methods.

**Neural & Learning System:** Machine Learning, Neural Networks, Neural Computation, Deep Learning, Complex Networks and Systems, Molecular and Quantum Computing, Wavelets, Network Science.

**Fuzzy & Stochastic Modeling:** Fuzzy Systems, Fuzzy Control & Decision Making, Fuzzy pattern recognition, Uncertainty Analysis, Rough Sets, Fractals, Multi-agent Systems, Reinforcement Learning, Game Theory, Computational Semiotics, Social Simulation, Symbolic Systems, Grey systems.

**Social and economic development through Computational Intelligence technologies (including Ethical and Sustainable applications):** CI enabled Digital Government. Privacy and security implications. Respect of human and civil rights. Social interactions, safety, responsibility, and trust. Impacts on production, Industry 4.0. Ethical, Social, Economic and Environmental Implications of CI technology, Employment, workplace, and entertainment changes.

## IMPORTANT DATES

Paper submissions : May 29, 2022

Thesis and Doctoral Symposium Deadline: August 7, 2022

Notification of acceptance: August 1, 2022

Final paper submission: August 29, 2022

Early Registration: September 30, 2022

IEEE CIS SSoCIA 2022: November 22, 2022

2022 IEEE LA-CCI: November 23-25, 2022

## SUBMISSIONS

Paper length will be up to 6 pages, following the conference-paper templates in Word or LaTeX [provided by IEEE](#). Papers must be written in MS-Word or Latex. Papers must be written in English. Papers will be submitted using the EasyChair System. At least one paper author must be full-registered.

## POST-PROCEEDINGS

Accepted (and presented) papers will be published in conference proceedings and made available via the IEEE Xplore Digital Library, and (per IEEE's policy) submitted to the Scopus database for indexing. At least one paper author must register and present the paper at the event.



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