

2nd Latin-American Congress on Computational Intelligence & 12° Congresso Brasileiro de Inteligência Computacional

LA-CCI & CBIC 2015

13th to 16th, October
Curitiba, Brazil

FINAL CALL-FOR-PAPERS



IEEE-CIS

Tech. Co-Sponsorship

General Chair:

Heitor Silvério Lopes, Brazil

Local Organization Chair:

Aurora Ramírez Pozo, Brazil

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LA-CCI: Álvaro Canon, Colombia

CBIC: Bruno Fernandes, Brazil

Publications Chair:

Nadia Nedjah, Brazil



Further Publications and Special Issues:

1) All papers of LA-CCI will be indexed by IEEE Press

2) All papers of CBIC will have DOI

3) Top papers of LA-CCI & CBIC will be published as extended versions at:

-IEEE Latin America;

-Learning & Nonlinear Models (in Portuguese);

-International Journal of Bio-Inspired Computation;

-International Journal of Natural Computing Research.

4) Best papers of LA-CCI might stand a chance to be extended at a special issue of *Neurocomputing*.

Important dates:

Deadline for submission: ~~Jun, 15th~~ => **July, 15th**

Notification of acceptance after: **Aug, 15th**

Early-bird registration: **July, 15th–Aug, 21st**

Final camera-ready papers: **Aug, 15th–30th**

Regular registration after: **August, 22nd–on wards**

Conference meeting: **October, 13–16th**

Website: www.la-cci.org

The **2nd Latin-American Congress on Computational Intelligence (LA-CCI)** is co-located with the **12^o Congresso Brasileiro de Inteligência Computacional (CBIC)**. LA-CCI and CBIC are aimed 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.

In the first day of the event, both the Brazilian and the Latin-American Schools of Computational Intelligence will take place, delivering introductory and specialized tutorials with special focus on students. The events include, also, national and international key-speakers, bringing the state-of-the-art research in Computational Intelligence.

The conferences will be sponsored by the Federal University of Technology – Paraná (UTFPR) at Curitiba. Curitiba is the largest city of southern Brazil, with about 3.5 million people in the metropolitan region. It is a major hub for domestic airlines and some international flights. There are several touristic attractions in Curitiba, including museums, theaters, football arenas, parks and entertainment. The city is also considered the “ecological capital” of Brazil due to its extensive green areas and the environmental issues. Curitiba is 1 hour-flight far from São Paulo, and less than 2 from Rio de Janeiro, Porto Alegre or Foz do Iguaçu (the famous “Iguaçu Falls”, in the triple border with Paraguay and Argentina).

LA-CCI official language is English. And at CBIC all activities will be in Portuguese/ Spanish.

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.

Key-Speakers:

- Carlos **Coello-Coello** (Swarm Intelligence) – IPN, DF/Mexico
- Pablo **Estevez** (CI Application) – UCHILE, Santiago/Chile
- Teresa **Ludermir** (Neural Computation) – UFPE, PE/Brazil
- Fernando **Gomide** (Fuzzy) – UNICAMP, SP/Brazil
- Artur **Garcez** (Hybrid Systems) – City Univ., London/UK
- Guilherme **Barreto** (Pattern Recognition) – UFC, CE/Brazil

QR-Code of LA-CCI & CBIC2015



Extra-activities: Schools (Tutorials & Mini-courses)

Theses & Dissertations Competition - Submission: : ~~Jun, 15th~~ => **July, 15th**

Submission:

The official language of LA-CCI is English and Portuguese for CBIC. Papers should be no longer than **6 (six) pages**, following the IEEE conference format, available at the event homepage along with other instructions. Papers can be submitted using the EasyChair system by accessing the following addresses :

Submissions for LA-CCI: <https://www.easychair.org/conferences/?conf=lacci2015>

Submissions for CBIC: <https://www.easychair.org/conferences/?conf=cbic2015>



SOCIEDADE BRASILEIRA
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