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

LA-CCI & CBIC 2015

3rd CALL FOR PAPERS

13th to 16th, October
Curitiba, Brazil

12° Congresso Brasileiro de Inteligência Computacional
Curitiba | Brazil | 2015
2nd. Latin-American Conference on Computational Intelligence

General Chair:
Heitor Silvério Lopes, Brazil

Local Organization Chair:
Aurora Ramírez Pozo, Brazil

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Publicicty Chairs:
LA-CCI: Álvaro Canon, Colombia
CBIC: Bruno Fernandes, Brazil

Publications Chair:
Nadia Nedjah, Brazil

Publication and Special Issues:
LA-CCI papers will be published on-line by the IEEE Computer Society. CBIC papers will be published on-line by a local publisher, with ISSN and DOI. The scientific committees will select the best papers of both events to be further published as extended versions at Learning & Nonlinear Models, IEEE Latin America, Neurocomputing and International Journal of Bio-Inspired Computation.

Important dates:
Deadline for submission: ~~may, 31th~~ => **June, 15th**
Notification of acceptance after: **July, 15th**
Early-bird registration: July, 15th–30th
Final camera-ready papers: **July, 15th–Aug, 15th**
Regular registration after: **August, 16th–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° 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 (in the triple frontier 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
-Teresa Ludermir (Neural Computation) – UFPE, PE/Brazil
-Fernando Gomide (Fuzzy) – UNICAMP, SP/Brazil
-Artur Garcez (Hybrid Systems) – City University, London/UK
-Guilherme Barreto (Pattern Recognition) – UFC, CE/Brazil

QR-Code of LA-CCI & CBIC2015

Extra-activities: Schools (Tutorials & Mini-courses)
Theses & Dissertations Competition - Deadline for submission: **June, 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

UTFPR - Universidade Tecnológica Federal do Paraná   UFPR - Universidade Federal do Paraná   PUCPR   Instituto Federal Paraná   CAPES   CNPq - Conselho Nacional de Desenvolvimento Científico e Tecnológico   Sociedade Brasileira de Inteligência Computacional   CITS