



## 4<sup>th</sup> Latin-American Conference on Computational Intelligence

Arequipa, Peru - November 8<sup>th</sup> -10<sup>th</sup>, 2017 - Website: <http://la-cci.org/>



# THIRD CALL FOR PAPERS

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Universidad Centrocidental “L.Alvarado”

#### LA-CCI School on Computational Intelligence

Participants of LA-CCI will benefit **6-7th Nov.** from a comprehensive two-days School on CI.  
**School'17 Director:** Miguel Núñez del Prado  
Universidad del Pacífico – Peru

#### LA-CCI Post-Grad Thesis/Dissertation Contest

Students, who presented their thesis or Dissertation between January 1st of 2016 and June 30th of 2017, can send their summaries (max. 2500 words) to [dhpeluffoo@unal.edu.co](mailto:dhpeluffoo@unal.edu.co)  
**Competitions-Chair:** Diego Peluffo-Ordóñez  
Universidad Técnica del Norte – Ecuador

### Overview:

The IEEE Latin American Conference on Computational Intelligence 2017 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-Tracks:

- 1) **Evolutionary & Swarm Computation:** Evolutionary Computation, Swarm Intelligence, Artificial Immune Systems, Novel metaheuristics and hyperheuristics, Memetic and Collective intelligence, Nature and Bio-inspired methods, Artificial life, etc.
- 2) **Neural & Learning Systems:** Machine Learning, Neural Computation, Complex Systems, Wavelets, Molecular and Quantum Computing, Brain-machine interfaces, Network Science, Local search methods, etc.
- 3) **Fuzzy & Stochastic Modeling:** Fuzzy Logic, Fuzzy Control & Decision Making, Fuzzy pattern recognition, Rough Sets, Uncertainty Analysis, Fractals, Game Theory, Social Simulation, Multi-agent systems, Symbolic Systems, Grey systems, etc.

### Key-Speakers (confirmed):

- José Príncipe (University of Florida – USA)
- Tshilidzi Marwala (University of Johannesburg – South Africa) **new**
- Giuseppe Zollo (Università degli Studi di Napoli Federico II – Italy)
- Fernando Buarque (University of Pernambuco – Brazil)
- Omar Florez (Intel Labs – USA)
- Mike Preuss (University of Münster – Germany)
- Pablo Estevez (Universidad de Chile – Chile) [President of IEEE-CIS]
- Ronaldo Menezes (Florida Institute of Technology – USA) [Key-speaker for LA-CCI School] **new**

### Submissions:

Papers should be no longer than 6 pages with original contributions, using the IEEE conference format, available at the event homepage along with other instructions. Papers can be submitted using the EasyChair system (<https://easychair.org/conferences/?conf=2017ieeelacci>).

### Publication and Special Issues:

-Accepted and presented papers will be published in the IEEE LA-CCI 2017 Conference Proceedings and IEEE Xplore®. LA-CCI was recently included in the Brazilian-Qualis and other lists of good conferences.  
*-Top papers of IEEE LA-CCI 2017 will be indexed with IEEE / Scopus and published as extended versions in IJSIR (Int'l Journal of Swarm Intelligence Research) e no LNLM (Learning and Non-Linear Models).*

### Important Dates:

- Submission of papers & entries for contest of thesis/dissertation **new July 10th 2017**
- Notification of Acceptance August 10th 2017
- Final camera-ready papers & entries for contest thesis/dissertation August 27th 2017
- Early-bird Registration date (mandatory for authors) (until) September 10th 2017
- Conference meeting (including LA-CCI School on CI) November 6-10th 2017

### Venue (Universidad Católica San Pablo):

Arequipa, a pleasant colonial and touristic Peruvian city (18.C in November), is located 1,000 kilometers southeast of Peru's capital, Lima. The town is next to three volcanoes and close to the world heritage of Machu Picchu (cultural visits will be considered on the weekend).

### AOB:

During LA-CCI we are going to organize thematic workshops, round-tables, and some social activities.

*We are waiting for you!*

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### Organization



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