



## 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/>

(LA-CCI School on CI on November, 6-10<sup>th</sup>)



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#### LA-CCI School on Computational Intelligence

Participants of LA-CCI will benefit 6-7<sup>th</sup> Nov. from a comprehensive two-days School on CI.

School'17 Director: Miguel Núñez del Prado  
-Universidad del Pacífico – Peru

#### LA-CCI Post-Grad Contest/Doctoral Consortium

For candidater, 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

## FINAL CALL FOR PAPERS

### 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) \_\_\_\_\_ *Deep Learning*
- Giuseppe Zollo (Università degli Studi di Napoli Federico II – Italy) \_\_\_\_\_ *Aesthetics of Complexity*
- Tshilidzi Marwala (University of Johannesburg – South Africa) \_\_\_\_\_ *Industry 4.0*
- Fernando Buarque (University of Pernambuco – Brazil) \_\_\_\_\_ *Metaheuristics*
- Omar Florez (Intel Labs – USA) \_\_\_\_\_ *Machine Understanding*
- Mike Preuss (University of Münster – Germany) \_\_\_\_\_ *CI and Games*
- Pablo Estevez (Universidad de Chile – Chile) [President of IEEE-CIS] \_\_\_\_\_ *Big Data Analytics*
- Ronaldo Menezes (Florida Institute of Technology – USA) \_\_\_\_\_ *Network and Data Science*

### 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 *LNLN (Learning and Non-Linear Models)*.

### Important Dates:

- Submission of papers
- Notification of Acceptance
- Final camera-ready papers
- Submission entries for contest of thesis/dissertation
- Author registration & Early registration

July, 17<sup>th</sup> of 2017  
August, 18<sup>th</sup> of 2017  
August, 28<sup>th</sup> of 2017  
**August, 28<sup>th</sup> of 2017**  
September 4<sup>th</sup>, 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.

### Highlights:

This edition will boast thematic round-tables, a large School, a Post-Grad Contest/Doctoral Consortium and some cultural activities (such as visiting Machu Picchu). **We are waiting for you in PERU!**

### Sponsors



### Organization



### Support

