



# 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/>



## FIRST CALL FOR PAPERS

### Organizers:

#### General Chairs LA-CCI 2017

- Yván Jesús Túpac Valdivia  
Universidad Católica San Pablo – Peru
- Efren Gorrostieta  
Universidad Autónoma de Queretana – Mexico

#### Program Chairs

- Fernando Buarque de Lima Neto  
Universidade de Pernambuco – Brazil
- Miguel Núñez del Prado  
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#### Publication Chairs

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Universidade Estadual do Rio de Janeiro – Brazil
- Carmelo Bastos Filho  
Universidade de Pernambuco – Brazil

#### Finance Chair and Treasurer:

- Yessenia Deisy Yari Ramos  
Universidad Católica San Pablo – Peru

#### Publicity and Public Relations Chairs:

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- PERU: Ernesto Cuadros Vargas  
Universidad de Ingeniería y Tecnología
- MEXICO: Alma Alanis  
University of Guadalajara
- VENEZUELA: Niriaska del Carmen Perozo  
Universidad Centroccidental “L.Alvarado”

### Post-Graduate Thesis/Dissertation Contest

Students, who graduated between January 1st of 2015 and June 30th of 2017, can send their summaries (max. of 2500 words) to the **Competition Chair, Diego Peluffo**, at [diegohpo@gmail.com](mailto:diegohpo@gmail.com)

### 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):

- Pablo Estevez (Universidad de Chile – Chile & President of IEEE-CIS)
- 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)

### 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 submitted to IEEE Xplore®
- Top papers of IEEE LA-CCI 2017 will be published as extended versions in important journals related with CI (Including IEEE Latin America Transactions)

### Important Dates:

- Submission of papers (incl. thesis/dissertation contest) **May 14th 2017**
- Notification of Acceptance **July 23rd 2017**
- Final camera-ready papers (incl. thesis/dissertation contest) **August 27th 2017**
- Early-bird Registration date (mandatory for authors) **(until) September 10th 2017**
- Conference meeting **November 2-4th 2017**

### Venue:

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).

*We are waiting for you!*

