



"LA-CCI is an exciting international event on Computational Intelligence held in Latin America to CI Researchers worldwide"

SECOND CALL FOR PAPERS

VII IEEE Latin American Conference on Computational Intelligence, LA-CCI 2021.

November, 2 - 4, 2021

XVII IEEE Latin American Summer School on Computational Intelligence, EVIC 2021.

November, 4 - 5, 2021

THE CONFERENCE WILL BE ON-LINE

PAPER SUBMISSION DEADLINE: JUNE 21th, 2021

We are pleased to invite you to **LA-CCI 2021** which will be held jointly with the XVII Summer School on Computational Intelligence, **EVIC 2021**. LA-CCI provides a high-level international forum for scientists, researchers, engineers, professionals and educators as well as for young researchers and students to disseminate their latest research results and **exchange views of the future research of Computational Intelligence** (please visit <http://la-cci.org/> or contact LA-CCIchairs@ufrontera.cl for more information).



TOPICS INCLUDE BUT ARE NOT LIMITED TO: **(NEW) ETHICAL, HUMANE & SUSTAINABLE APPLICATIONS OF COMPUTATIONAL INTELLIGENCE:**

- Social & Environmental Responsibility;
- Governability / Democracy protection;
- Privacy, Individualization, Transparency and Safety challenges;
- Social Ethical Computation;
- Responsible Marketing.

(1) EVOLUTIONARY & SWARM COMPUTATION:

- Evolutionary computation;
- Swarm intelligence;
- Novel metaheuristics and hyperheuristics;
- Memetic and Collective intelligence;
- Nature and Bio-inspired methods;

(2) NEURAL & LEARNING SYSTEMS:

- Machine learning;
- Neural Computation (+Weightless Systems);
- Complex systems;
- Molecular and quantum computing;
- Brain-machine interfaces;

(3) FUZZY & STOCHASTIC MODELING:

- Fuzzy logic, optimization and design;
- Fuzzy pattern recognition;
- Fuzzy control & decision making/support;
- Uncertainty analysis, Fractals;
- Multi-agent systems;
- Symbolic Systems;
- Grey systems.

XVI IEEE LATIN AMERICAN SUMMER SCHOOL ON COMPUTATIONAL INTELLIGENCE

The Latin American Summer School on Computational Intelligence (EVIC) is an annual event held in Chile since 2004 with the objective of disseminating the foundations and recent advances of Computational Intelligence, Artificial Intelligence, Machine Learning, Data Science, Intelligent Control, among others, to the universities and business public of Chile and Latin America. EVIC is organized by the Chilean chapter of the IEEE CIS.

LA-CCI POSTGRADUATE THESES CONTEST (PTC)







The Postgraduate Theses Contest (PTC) promotes the integration and cooperation of young researchers in Computational Intelligence areas, providing greater visibility of the work done. Among the registered participants, the PTC will select and award the best doctoral thesis and the best master's thesis on Computational Intelligence.

A valid thesis or dissertation has to be completed, duly defended and approved during the period January 2018 to June 2021. The theses will be evaluated based on their:

- (1) Scientific and technological contributions;
- (2) Potential impact on society; and,
- (3) Potential impact on the state of the art on Computational Intelligence & associated areas.



KEY SPEAKERS

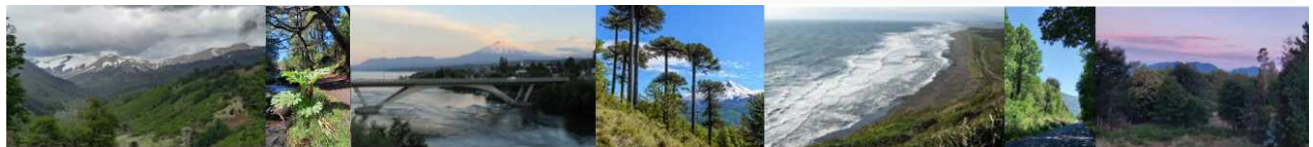
<p>Dr. Carlos Coello</p>  <p>Affiliation CINVESTAV-IPN Dpt. de Computación, DF, MEXICO.</p> <p>Topic Evolutionary & Swarm Computation</p>	<p>Dr. Alice Smith</p>  <p>Affiliation Dept. of Computer Science and Software Engineering, Auburn University, Auburn, AL, USA</p> <p>Topic Stochastic Modelling</p>	<p>Dr. Piero Bonissone</p>  <p>Affiliation Analytics LLC, San Diego, USA</p> <p>Topic Industrial Applications of Hybrid CI Models</p>	<p>Dr. Hava Siegelmann</p>  <p>Affiliation University of Massachusetts Amherst Dpt. of CS, MA, USA.</p> <p>Topic Neural & Learning System</p>	<p>Dr. Pablo Huijse</p>  <p>Affiliation Instituto de Informática, Universidad Austral de CHILE Millennium Institute of Astrophysics</p> <p>Topic Astroinformatics</p>	<p>Dr. Bárbara Poblete</p>  <p>Affiliation Dept. of CS and Millennium Institute Data Fundamentals. Universidad de CHILE</p> <p>Topic Online social networks, data mining & applied ML</p>
---	---	---	--	---	---

LOCAL ORGANIZING COMMITTEE

GENERAL CHAIRS	Millaray Curilem , Universidad de La Frontera, Temuco Doris Sáez-Hueichapan , Universidad de Chile, Santiago Nelson Aros , Universidad de La Frontera, Temuco
HONORARY CHAIR	Pablo Estévez , Universidad de Chile, Santiago
PROGRAM CHAIR	Cesar San Martin , Universidad de La Frontera, Temuco
SUMMER SCHOOL CHAIR	Fernando Huenupan , Universidad de La Frontera, Temuco
PUBLICATION CHAIR	Daniel Sbarbaro , Universidad de Concepción, Concepción
SPONSORS CHAIR	Gonzalo Acuña , Universidad de Santiago de Chile, Santiago Pablo Zegers , Anastasia. AI.
TOPICS CHAIR	María Cristina Riff , Universidad Técnica Federico Santa María, Valparaíso Claudio Held , Universidad de Chile, Santiago Felipe Tobar , Universidad de Chile, Santiago Pablo Huijse , Universidad Austral de Chile, Valdivia

STEERING COMMITTEE

- Fernando Buarque de Lima Neto** – Universidade de Pernambuco (Brazil) [Founder & Board of Directors of LA-CIS] [Steering Committee Coordinator]
- Gary Fogel**, Chief Executive Officer of **Natural Selection, Inc.** (USA)
- Cristian Rodriguez Rivero** – Universidad Nacional de Córdoba (Argentina) [Founder & Board of Directors of LA-CIS] [Past-General Chair of LA-CCI 2014 – Bariloche, Argentina]
- Yván Jesús Túpac Valdivia** – Universidad Católica San Pablo (Peru) [Founder & Board of Directors of LA-CIS] [Past-General Chair of LA-CCI 2017 – Arequipa, Peru]
- Carmelo José Albanez Bastos-Filho** – Universidade de Pernambuco (Brazil) [Founder Member of LA-CIS]
- Heitor Silvério Lopes** – Universidade Federal Tecnológica do Paraná (Brazil) [Past-General Chair of LA-CCI 2015 – Curitiba, Brazil]
- Alvaro David Orjuela-Cañón** – Universidad del Rosario (Colombia) [Past-General Chair of LA-CCI 2016 – Cartagena, Colombia]
- Alma Yolanda Alanís García** – Universidad de Guadalajara (Mexico) [Past-General Chair of LA-CCI 2018 – Guadalajara, Mexico]
- Otilia María Alejandro Molina** – Escuela Superior Politécnica del Litoral, ESPOL (Ecuador) [Past-General Chair of LA-CCI 2019 – Guayaquil, Ecuador]
- Héctor Cancela / Martín Pedemonte** – Universidad de la República (Uruguay) (Next General Chairs of LA-CCI 2022 – Montevideo)



IMPORTANT DATES

- Paper submissions: June 21th, 2021**
- Acceptance notification:** August 31st, 2021
- Final paper submission:** September 30th, 2021
- Early Registration:** September 30th, 2021
- Theses Contest (TC) Deadline:** July 31st, 2021
- TC Result Notification:** September 30th, 2021
- School (EVIC):**
- Poster Deadline: September 15th, 2021
 - Poster Notification: September 29th, 2021

REGISTRATION FEES	Early Bird		Late or On-site	
	US\$	CLP\$	US\$	CLP\$
IEEE Students and Life Members	40	30 000	80	60 000
non-IEEE Students	80	60 000	120	90 000
Full Registration for IEEE Young Professionals	120	90 000	160	120 000
Full registration for IEEE Members	160	120 000	220	165 000
Full registration for Professionals (non-IEEE members)	220	165 000	280	210 000
Additional paper	60	45.000	80	60 000