

**4th Workshop on New Trends  
in Computational Intelligence  
and Applications (CIAPP 2022)  
October 24, 2022  
As part of MICAI 2022  
Monterrey (ITESM), MEXICO**

<https://bi-level.org/ciapp/>

**Call for papers**

Computational Intelligence (CI) paradigms have become a critical factor in the resurgence of Artificial Intelligence which is now part of daily life. Therefore, basic and applied CI research have substantially grown, and more spaces for discussion on these topics are required.

This workshop aims to put together researchers, practitioners, students, and those interested in presenting novel findings and applications related to computational intelligence techniques. The workshop also looks to be a means to establish possible collaborations among the attendants.

Interested authors are invited to submit original papers, including novel CI research and findings. The topics include, but are not limited, to the following:

- Machine Learning
- Data Mining
- Statistical Learning
- Automatic Image Processing
- Intelligent Agents / Multi-Agent Systems
- Evolutionary Computing
- Swarm Intelligence
- Combinatorial and Numerical Optimization
- Parallel and Distributed Computing in Computational Intelligence

**Submission details**

Papers must be written in English using LNCS Springer style, at most eight pages, and sent in PDF format via Microsoft CMT: (<https://cmt3.research.microsoft.com>)

## **Publication**

Accepted papers will be included for oral presentation at the workshop and in the proceedings.

IPN-RCS journal is a possible (not secure yet) option for publication.

Extended versions of selected papers will be invited to a special issue of the journal Mathematical and Computational Applications (<https://www.mdpi.com/journal/mca>), indexed in the Clarivate Emerging Source Citation Index (in acceptance process by the Journal).

## **Important dates**

- Paper submission: September 9, 2022
- Notification of acceptance: September 23, 2022
- Submission of camera-ready: October 3, 2022
- Registration deadline: October 3, 2022
- Workshop: October 24, 2022

## **Organizers**

Dr. Héctor-Gabriel Acosta-Mesa, Artificial Intelligence Research Institute (AIRI), University of Veracruz (UV), [heacosta@uv.mx](mailto:heacosta@uv.mx)

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## **Program Committee Members**

- 1) Dra. Martha-Lorena Avendaño. Mathematics School, UV.
- 2) Dr. Aldo Márquez Grajales. Research and Postgraduate Department, Higher Technological Institute of Xalapa.
- 3) Dra. Nancy Pérez Castro. Agroengineering Institute, University of Papaloapan.
- 4) Dr. Rafael Rivera López. Veracruz Institute of Technology, Veracruz.
- 5) Dr. Guillermo de Jesus Hoyos Rivera. AIRI, UV.