[Apologies for cross-posting]

Second International Conference on Learning and Optimization Algorithms: Theory and Applications

Córdoba, Spain. 16-18 June 2020

http://www.lopal.org

Call for Papers

The Second International Conference on Learning and Optimization Algorithms: Theory and Applications (LOPAL'2020) will be held at University of Córdoba, Córdoba, Spain, from Wednesday 16th to Thursday 18th of June 2020. Attracting a worldwide audience, this conference bridges the gap between two important research, namely learning and optimization. The diversification of automated learning applications has led to new requirements inherent in the availability of large-scale data. LOPAL'2020 is, therefore, an ideal opportunity for researchers, academics and professionals to exchange ideas and to share their knowledge on issues related to Learning and Optimization. The LOPAL'2020 edition also aims to host high-quality papers about industry and real case applications as well as allow researchers to present and discuss the most recent innovations, trends, and concerns together with the theoretical and practical challenges encountered in these areas.

We solicit submissions on previously unpublished research work. Research areas include, but

are not limited to:

- Data Analysis and Knowledge Discovery
- Knowledge Representation
- Decision Support and Recommendation Systems
- Big Data Analytics
- Data visualization and Modern Technologies
- Cognitive Computing
- Machine Learning
- Optimization
- Software Frameworks (MapReduce, Spark, etc) and Simulations
- Big Data Preprocessing Techniques
- Big Data mining
- Scalable and High-Performance Computing
- Internet of Things
- Smart Cities & Energy
- Industrial Challenges
- Metaheuristic
- Large Scale Statistics

Prospective authors are expected to submit their contributions to the general track or one of the special tracks if relevant. Please see submission guidelines for further details.

Important dates:

- Paper submission: March 1, 2020
- Notification of acceptance: April 19, 2020
- Camera-ready due: May 3, 2020
- Registration:
    - Early registration deadline: May 17, 2020
    - Late registration deadline: May 31, 2020 (Last date for attendees with a paper)
    - Last-minute registration deadline: June 14, 2020 (Only for attendees with no paper)
- LOPAL'2020: June 17 – 18, 2020

These dates are for any kind of submission at LOPAL'2020, including special tracks that will have the same deadlines.

Submission guidelines:

Each contribution must be prepared following the ACM format, and should not exceed the **length of 6 (six) Letter-sized pages**; the authors may use LaTeX or Microsoft Word templates when preparing their manuscripts.
Papers must be submitted electronically using the EasyChair conference management system at:

https://easychair.org/conferences/?conf=lopal2020

All submissions will be peer-reviewed by three reviewers of the Program Committee.

All accepted papers will be included in the conference proceedings and will be published by ACM. Publication in proceedings is conditioned to the registration and presentation of the paper at the conference by one of their authors. If the paper is not presented at the conference it will not be included in the proceedings.

- Special issues:

    LOPAL'2020 selected papers will have the opportunity of being published in Special Issues.

    Check Special issues (Programme -> Call for papers -> Special issues) webpage for more

    information.**Other information**:

    If you have any inquiry, check the contact page for details!

    LOPAL 2020 webpage: http://www.lopal.org