

Call for Contributions for

Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ADVCOMP+2017+Special>

Please select Track Preference as **APAEC**

Special track

APAEC: Advances on Practical Applications of Evolutionary/Swarm Computation

Chair and Coordinator

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along with

ADVCOMP 2017

The Eleventh International Conference on Advanced Engineering Computing and Applications in Sciences
<http://www.aria.org/conferences2017/ADVCOMP17.html>
November 12 - 16, 2017 - Barcelona, Spain

Evolutionary and Swarm Computation are powerful techniques based on the principles of natural evolution and behavior. Due to their efficiency, these techniques can solve a large number of problems. Therefore, their applications are possible in many fields of knowledge, ranging from scheduling to the design of electronic devices and machine learning.

Regardless the applications, improvements on evolutionary and swarm algorithms have played an important role as hardware evolves and, consequently, more complex problems have been tackled by those techniques. In this context, we are interested in receiving papers that deal with the state-of-art of applications of evolutionary/swarm computation.

Topics include, but not limited to:

- Operation Research
- Financial applications
- Optimization
- Hybrid meta-heuristics
- Adaptive and Self-Adaptive Algorithms
- Multi-Objective Optimization
- Case studies of applications of evolutionary/swarm computation
- Scheduling and planning in industrial environments
- Applications of parallel evolutionary/swarm algorithms

Important Datelines

- Inform the Chair: As soon as you decided to contribute
- Submission: October 4
- Notification: October 11
- Registration: October 18
- Camera ready: October 18

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

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