

**evoapplications\***

**24th European Conference  
on the Applications of Evolutionary  
and bio-inspired Computation**

**part of evo\* 2021**  
[www.evostar.org](http://www.evostar.org)

**7 – 9 April 2021**  
**Seville, Spain**

# **evoapps\***

# **Special Session**

# **on Parallel**

# **and Distributed**

# **Systems**

**evo\***

**2021**  
Seville, Spain

The Special Session on Parallel and Distributed Systems (PDS) of **evoapplications\*** aims to foster the discussion about parallelism in the field of nature-inspired algorithms from two complementary perspectives: i) how to build more efficient parallel/distributed/concurrent strategies to increase the overall performance of an algorithm and ii) how to use optimization in problems or infrastructures that are parallel in nature.

Topics of interest include, but are not limited to:

- \* Parallel/distributed/concurrent models and implementations of metaheuristics
- \* Metaheuristics applied to parallel infrastructures problems such as scheduling, pricing or energy efficiency.
- \* Massively parallel architectures such as volunteer computing or P2P systems
- \* Emergent technologies: blockchain, 5G, GPGPU, Cloud Computing, Internet Computing...
- \* Parallel/distributed/concurrent metaheuristics applied to real-life problems
- \* Self-organizing distributed systems
- \* Complex population structures

#### **Submission Details**

Submissions must be original and not published elsewhere. They will be peer reviewed by members of the program committee. The reviewing process will be double-blind, so please omit information about the authors in the submitted paper.

Submit your manuscript in Springer LNCS format and provide up to five keywords in your Abstract

**Page limit:** 16 pages

**Submission deadline:** 1 November 2020

#### **Organizers**

Juan Julián Merelo Guervós  
Juan Luis Jiménez Laredo

#### **More info at:**

[www.evostar.org/2021/evoapps/pds/](http://www.evostar.org/2021/evoapps/pds/)