

# Special Issue on Parallel and Distributed Algorithms Concurrency and Computation: Practice and Experience

## Overview:

This Special Issue is dedicated on recent advancements on Parallel and Distributed Algorithms. It opens for submissions in June 2017. The key target audience will be the best papers accepted for the parallel and distributed algorithms track of 17th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP-2017), however other submissions are welcomed.

## Possible topics include:

- Resource management
- Parallel and Distributed Algorithms
- High-performance Scientific Computing
- Scheduling algorithms for HPC and Cloud computing
- Reliability and Fault-tolerant Algorithms
- Energy efficient algorithms
- Network and I/O management
- Performance modeling
- Analysis of parallel and distributed algorithms
- Data-intensive parallel algorithms

## Guest Editors:

- Guillaume Aupy, Inria, France
- Xueyan Tang, Nanyang Technological University, Singapore

## Important dates:

- Submission deadline: Sept. 30, 2017
- First round review: Nov 30, 2017
- Submission of revised manuscript: Dec 30, 2017
- Final decision: Mar 2018

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