

PPAM 2019 (<https://www.ppam.pl>)

Special Session on Parallel Matrix Factorizations.

Matrix factorizations belong to kernel routines in computational linear algebra with strong impact in solving practical problems. They occur frequently in various HPC applications.

This Special Session focuses particularly on efficient algorithms for matrix factorizations designed for parallel computing platforms.

The following (and related) items are of interest:

- efficient algorithms for EVD/SVD/NMF decompositions of large matrices, their design and analysis
- implementation of parallel matrix factorization algorithms on parallel CPU/GPU systems
- usage of parallel matrix factorizations for solving problems arising in scientific and technical applications.

Session organizer:

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High quality original papers are invited into the Special Session. Papers will be refereed and accepted on the basis of their scientific merit and relevance to the Special Session topics. Accepted and presented papers will be included into the proceedings of PPAM 2019 and will be published after the conference by Springer-Verlag in the LNCS series. Papers have not to exceed 10 pages (LNCS style).

Authors should submit papers (as PDF files) through the PPAM 2019 site (track: Special Session on Parallel Matrix Factorizations). In case of any problems please contact the Special Session organizer.

Dates:

Submission of Papers: April 21, 2019
Notification of Acceptance: May 31, 2019
Conference: September 9-11, 2019
Camera-Ready Papers: November 2, 2019