Introduction to the Special Issue for SPAA?21

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Introduction to the Special Issue for SPAA'21

This special issue of the ACM Transactions on Parallel Computing (TOPC) contains selected papers from the 33rd ACM Symposium on Parallelism in Algorithms and Architectures (SPAA 2021), which was held July 6–8, 2021. Based on the conference reviews, we invited a selection of the papers accepted at the conference for this special issue. The papers submitted for this special issue then went through TOPC's own review process. The end result is the following set of outstanding papers in this issue:

(1) Daniel Anderson; Guy E Blelloch. Parallel Minimum Cuts in $O(m \log^2 n)$ Work and Low Depth.
(2) Sungjin Im; Ravi Kumar; Mahshid Montazer Qaem; Manish Purohit. Non-Clairvoyant Scheduling with Predictions.
(3) Susanne Albers; Jens Quedenfeld. Algorithms for Right-Sizing Heterogeneous Data Centers.
(4) Yannic Maus. Distributed Graph Coloring Made Easy.
(5) Zafar Ahmad; Rezaul A. Chowdhury; Rathish Das; Pramod Ganapathi; Aaron Gregory; Yimin Zhu. A Fast Algorithm for Aperiodic Linear Stencil Computation using Fast Fourier Transforms.

We thank the authors who prepared mature versions of their papers for this special issue, as well as the reviewers who carefully evaluated the submissions and provided comments that helped improve the papers.

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Guest Editors

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