

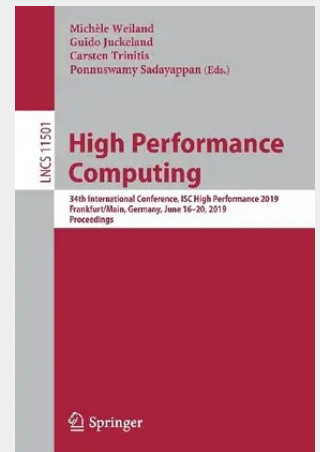
High Performance Computing

34th International Conference, ISC High Performance 2019, Frankfurt/Main, Germany, June 16-20, 2019, Proceedings

This book constitutes the refereed proceedings of the 34th International Conference on High Performance Computing, ISC High Performance 2019, held in Frankfurt/Main, Germany, in June 2019.

The 17 revised full papers presented were carefully reviewed and selected from 70 submissions. The papers cover a broad range of topics such as next-generation high performance components; exascale systems; extreme-scale applications; HPC and advanced environmental engineering projects; parallel ray tracing - visualization at its best; blockchain technology and cryptocurrency; parallel processing in life science; quantum computers/computing; what's new with cloud computing for HPC; parallel programming models for extreme-scale computing; workflow management; machine learning and big data analytics; and deep learning and HPC.

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70,61 €

65,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030206550

Medium: Buch

ISBN: 978-3-030-20655-0

Verlag: Palgrave Macmillan

Erscheinungstermin: 17.05.2019

Sprache(n): Englisch

Auflage: 1. Auflage 2019

Serie: Theoretical Computer Science and General Issues

Produktform: Kartoniert

Gewicht: 557 g

Seiten: 352

Format (B x H): 155 x 235 mm

