Getov / Kielmann

Component Models and Systems for Grid Applications

Proceedings of the Workshop on Component Models and Systems for Grid Applications Held June 26, 2004 in Saint Malo, France.

Component Models and Systems for Grid Applications is the essential reference for the most current research on Grid technologies. This first volume of the CoreGRID series addresses such vital issues as the architecture of the Grid, the way software will influence the development of the Grid, and the practical applications of Grid technologies for individuals and businesses alike. Part I of the book, "Application-Oriented Designs", focuses on development methodology and how it may contribute to a more component-based use of the Grid. "Middleware Architecture", the second part, examines portable Grid engines, hierarchical infrastructures, interoperability, as well as workflow modeling environments. The final part of the book, "Communication Frameworks", looks at dynamic self-adaptation, collective operations, and higher-order components. With Component Models and Systems for Grid Applications, editors Vladimir Getov and Thilo Kielmann offer the computing professional and the computing researcher the most informative, up-to-date, and forward-looking thoughts on the fast-growing field of Grid studies.

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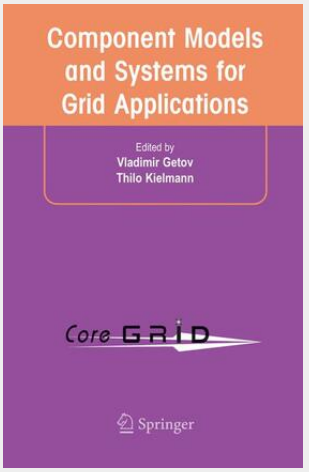

160,49 €
149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781441936141
Medium: Buch
ISBN: 978-1-4419-3614-1
Verlag: Springer Nature Singapore
Erscheinungstermin: 29.10.2010
Sprache(n): Englisch
Auflage: Softcover Nachdruck of hardcover 1. Auflage 2005
Produktform: Kartoniert
Gewicht: 299 g
Seiten: 188
Format (B x H): 156 x 234 mm

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