

1. Record Nr.	UNISA996574649903316
Titolo	2020 IEEE/ACM Fifth International Workshop on Extreme Scale Programming Models and Middleware (ESPM2) // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE, , 2020
ISBN	1-66542-284-X
Descrizione fisica	1 online resource
Disciplina	005.713
Soggetti	Middleware
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This workshop focuses on programming models and runtimes for extreme scale systems. Next generation architectures and systems being deployed are characterized by high concurrency, low memory per core, and multiple levels of hierarchy and heterogeneity. These characteristics bring out new challenges in energy efficiency, fault tolerance and, scalability. It is commonly believed that software has the biggest share of the responsibility to tackle these challenges. In other words, this responsibility is delegated to the next generation programming models and their associated middleware runtimes.</p>