

1. Record Nr.	UNISA996465748903316
Titolo	Languages and Compilers for Parallel Computing [[electronic resource] ] : 29th International Workshop, LCPC 2016, Rochester, NY, USA, September 28-30, 2016, Revised Papers // edited by Chen Ding, John Criswell, Peng Wu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-52709-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XI, 348 p. 137 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10136
Disciplina	004.35
Soggetti	Compilers (Computer programs) Computer systems Computer programming Software engineering Operating systems (Computers) Microprocessors Computer architecture Compilers and Interpreters Computer System Implementation Programming Techniques Software Engineering Operating Systems Processor Architectures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Large Scale Parallelism -- Resilience and Persistence -- Compiler Analysis and Optimization -- Dynamic Computation and Languages -- GPUs and Private Memory -- Runt-time and Performance Analysis.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 29th International Workshop on Languages and Compilers for Parallel Computing, LCPC 2016, held in Rochester, NY,

USA, in September 2016. The 20 revised full papers presented together with 4 short papers were carefully reviewed. The papers are organized in topical sections on large scale parallelism, resilience and persistence, compiler analysis and optimization, dynamic computation and languages, GPUs and private memory, and run-time and performance analysis.

---