

1. Record Nr.	UNINA9910357847103321
Titolo	Languages and Compilers for Parallel Computing : 30th International Workshop, LCPC 2017, College Station, TX, USA, October 11–13, 2017, Revised Selected Papers // edited by Lawrence Rauchwerger
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-35225-0
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXXIV, 290 p. 235 illus., 85 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11403
Disciplina	004.35 005.13
Soggetti	Compilers (Computer programs) Logic design Operating systems (Computers) Microprocessors Computer architecture Computer systems Compilers and Interpreters Logic Design Operating Systems Processor Architectures Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Compilers for Parallel Computing -- Performance Modeling and Instrumentation -- Parallel Programming and Abstractions -- GPU Applications.
Sommario/riassunto	This book constitutes the proceedings of the 30th International Workshop on Languages and Compilers for Parallel Computing, LCPC 2017, held in College Station, TX, USA, in October 2017. The 17 full papers presented together with abstracts of 5 keynote talks, 11 invited speakers and 4 poster papers in this volume were carefully reviewed

and selected from 26 submissions. LCPC encourages submissions that go outside its original scope of scientific computing to diverse areas that are enable or enhanced by the power of parallel systems such as mobile computing, big data, relevant aspects of machine learning, data centers, cognitive computing, etc. LCPC strongly encourages personal interaction and technical discussions along the initial material.
