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	Nota di contenuto	Code and Data Transformations An Affine Scheduling Framework for Integrating Data Layout and Loop Transformations Guiding Code Optimizations with Deep Learning-Based Code Matching Expanding Opportunities for Array Privatization in Sparse Computations OpenMP and Fortran Concurrent Execution of Deferred OpenMP Target Tasks with Hidden Helper Threads Using Hardware Transactional Memory to Implement Speculative Privatization in OpenMP Improving Fortran Performance Portability Domain Specific Compilation COMET: A Domain-Specic Compilation of High- Performance Computational Chemistry G-Code Re-compilation and Optimization for Faster 3D Printing Li Machine Language and Quantum Computing Optimized Code Generation for Deep Neural

	Networks Thermal-Aware Compilation of Spiking Neural Networks to Neuromorphic Hardware A Quantum-Inspired Model For Bit-Serial SIMD-Parallel Computation Performance Analysis Enhancing the Top-Down Microarchitectural Analysis Method Using Purchasing Power Parity Theory Code Generation Cain: Automatic Code Generation for Simultaneous Convolutional Kernels on Focal-plane Sensor-processors Reordering Under the ECMAScript Memory Consistency Model Verication of Vectorization of Signal Transforms.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the 33rd International Workshop on Languages and Compilers for Parallel Computing, LCPC 2020, held in Stony Brook, NY, USA, in October 2020. Due to COVID-19 pandemic the conference was held virtually. The 15 revised full papers were carefully reviewed and selected from 19 submissions. The contributions were organized in topical sections named as follows: Code and Data Transformations; OpenMP and Fortran; Domain Specific Compilation; Machine Language and Quantum Computing; Performance Analysis; Code Generation.