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Titolo	Computer Performance Engineering : 16th European Workshop, EPEW 2019, Milan, Italy, November 28–29, 2019, Revised Selected Papers // edited by Marco Gribaudo, Mauro Iacono, Tuan Phung-Duc, Rostislav Razumchik
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Descrizione fisica	1 online resource (XIII, 161 p. 164 illus., 34 illus. in color.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 12039
Disciplina	004.24
Soggetti	Electronic digital computers - Evaluation Computer networks Computer science - Mathematics Artificial intelligence System Performance and Evaluation Computer Communication Networks Mathematics of Computing Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Hybrid Petri Nets Featuring Multiple Random Variables -- Abandonment Attack on the LEACH Protocol -- Coherent Resolutions of Nondeterminism -- Emulating Self-adaptive Stochastic Petri Nets -- Design and Evaluation of an Edge Concurrency Control Protocol for Distributed Graph Databases -- A Novel Data-driven Algorithm for the Automated Detection of Unexpectedly High Traffic Flow in Uncongested Traffic States -- A Network Aware Resource Discovery Service -- EthExplorer: A Tool for Forensic Analysis of the Ethereum Blockchain -- A Queueing Model that Works Only on Biggest Jobs -- Performance Evaluation of Thermal-Constrained Scheduling Strategies in Multi-Core Systems -- Bounding the Rate of Convergence for One Class of Finite Capacity Time Varying Markov~Queues.
Sommario/riassunto	This book constitutes the refereed proceedings of the 16th European

Workshop on Computer Performance Engineering, EPEW 2019, held in Milan, Italy, in November 2019. The 10 papers presented in this volume together with one invited talk were carefully reviewed and selected from 13 submissions. The papers presented at the workshop reflect the diversity of modern performance engineering, with topics ranging from modeling and analysis of network/control protocols and high performance/BigData information systems, analysis of scheduling, blockchain technology, analytical modeling and simulation of computer/network systems. .
