1. Record Nr. UNISA996466287403316

Titolo	Verification and Evaluation of Computer and Communication Systems [[electronic resource]] : 13th International Conference, VECoS 2019, Porto, Portugal, October 9, 2019, Proceedings / / edited by Pierre Ganty, Mohamed Kaâniche
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-35092-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIII, 111 p. 121 illus., 12 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11847
Disciplina	004.6
Soggetti	Computer engineering Computer networks Software engineering Computers Professions Computer science Database management Algorithms Computer Engineering and Networks Software Engineering The Computing Profession Computer Science Logic and Foundations of Programming Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Modeling Concurrent Behaviors as Words,- Non-Standard Zeno-Free Simulation Semantics for Hybrid Dynamical Systems -- Static Detection of Event-Driven Races in HTML5-Based Mobile Apps -- Analyzing Security Protocols Using Scenario Based Simulation -- Running on Fumes - Preventing Out-of-Gas Vulnerabilities in Ethereum Smart Contracts Using Static Resource Analysis -- Estimating Latency for

	Synchronous Dataflow Graphs Using Periodic Schedules -- Importance-Based Scheduling to Manage Multiple Core Defections in Real-Time Systems. .
Sommario/riassunto	This book constitutes the proceedings of the 13th International Conference on Verication and Evaluation of Computer and Communication Systems (VECoS 2019), held in Porto, Portugal, in October 2019. The 7 full papers in this volume, presented together with two invited talks, were carefully reviewed and selected from 13 submissions. The aim of the VECoS conference is to bring together researchers and practitioners in the areas of verication, control, performance, and dependability evaluation in order to discuss state of the art and challenges in modern computer and communication systems in which functional and extra-functional properties are strongly interrelated. Thus, the main motivation for VECoS is to encourage the cross-fertilization between various formal verication and evaluation approaches, methods and techniques, and especially those developed for concurrent and distributed hardware/software systems.