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Record Nr.	UNINA9910485143603321
Titolo	Application and Theory of Petri Nets and Concurrency : 38th International Conference, PETRI NETS 2017, Zaragoza, Spain, June 25–30, 2017, Proceedings / / edited by Wil van der Aalst, Eike Best
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-57861-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 351 p. 136 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 10258
Disciplina	511.35
Soggetti	Computer science Software engineering Computer simulation Machine theory Artificial intelligence Computer Science Logic and Foundations of Programming Software Engineering Computer Modelling Formal Languages and Automata Theory Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Distinguished Carl Adam Petri Lecture -- Simulation of Colored Petri Nets -- Petri Net Tools -- Model Checking -- Liveness and Opacity -- Stochastic Petri Nets -- Specific Net Classes -- Petri Nets for Pathways.
Sommario/riassunto	This book constitutes the proceedings of the 38th International Conference on Application and Theory of Petri Nets and Concurrency, PETRI NETS 2017, held in Zaragoza, Spain, in June 2017. Petri Nets 2017 is co-located with the Application of Concurrency to System Design Conference, ACSD 2017. The 16 papers, 9 theory papers, 4 application papers, and 3 tool papers, with 1 short abstract and 3 extended abstracts of invited talks presented together in this volume were carefully reviewed and selected from 33 submissions. The focus

of the conference is on following topics: Simulation of Colored Petri Nets, Petri Net Tools.- Model Checking, Liveness and Opacity, Stochastic Petri Nets, Specific Net Classes, and Petri Nets for Pathways.