Record Nr. UNISA996466228503316 Application and Theory of Petri Nets and Concurrency [[electronic Titolo resource] ]: 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.) Theoretical Computer Science and General Issues, , 2512-2029;; Collana 10258 Disciplina 511.35 Computer science Soggetti 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. Distinguished Carl Adam Petri Lecture -- Simulation of Colored Petri Nota di contenuto Nets -- Petri Net Tools -- Model Checking -- Liveness and Opacity --Stochastic Petri Nets -- Specific Net Classes -- Petri Nets for Pathways. This book constitutes the proceedings of the 38th International Sommario/riassunto 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.