Record Nr. UNINA9910483457203321 Principles and Practice of Constraint Programming: 23rd International **Titolo** Conference, CP 2017, Melbourne, VIC, Australia, August 28 -September 1, 2017, Proceedings / / edited by J. Christopher Beck Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 3-319-66158-2 **ISBN** Edizione [1st ed. 2017.] 1 online resource (XXXVI, 724 p. 161 illus.) Descrizione fisica Programming and Software Engineering;; 10416 Collana 005.116 Disciplina Soggetti Mathematical logic Computer science—Mathematics Artificial intelligence Algorithms Mathematical Logic and Formal Languages Mathematics of Computing Artificial Intelligence Algorithm Analysis and Problem Complexity Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto This book constitutes the refereed conference proceedings of the 23nd International Conference on Principles and Practice of Constraint Programming, CP 2017, held in Melbourne, Australia from August 28, 2017 until September 1, 2017. The conference is colocated with the 20th International Conference on Theory and Applications of Satisfiability Testing (SAT 2017) and the 33rd International Conference on Logic Programming. The 46 revised full papers presented were carefully reviewed and selected from 115 submissions. The scope of the contributions includes all aspects of computing with constraints, including theory, algorithms, environments, languages, models, systems, and applications such as decision making, resource al location, scheduling, configuration, and planning. The papers are

grouped into the following tracks: technical track; application track;

machine learning & CP track; operations research & CP track; satisfiability & CP track, test and verification & CP track; journal & sister conference track.