1.	Record Nr.	UNINA9910488692203321
	Titolo	Applied Reconfigurable Computing. Architectures, Tools, and Applications : 17th International Symposium, ARC 2021, Virtual Event, June 29–30, 2021, Proceedings / / edited by Steven Derrien, Frank Hannig, Pedro C. Diniz, Daniel Chillet
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
	ISBN	3-030-79025-8
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (344 pages)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12700
	Disciplina	004
	Soggetti	Computers
		Computer networks
		Computers, Special purpose
		Computer systems
		Compilers (Computer programs)
		Image processing - Digital techniques
		Computer vision
		Computer Hardware
		Computer Communication Networks
		Special Purpose and Application-Based Systems
		Computer System Implementation
		Compilers and Interpreters
		Computer Imaging, Vision, Pattern Recognition and Graphics
		Arquitectura d'ordinadors
		Congressos
		Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Applications -- Design Tools -- Architecture -- Security -- Posters.
	Sommario/riassunto	This book constitutes the proceedings of the 17th International

Symposium on Applied Reconfigurable Computing, ARC 2021, held as a virtual event, in June 2021. The 14 full papers and 11 short presentations presented in this volume were carefully reviewed and selected from 40 submissions. The papers cover a broad spectrum of applications of reconfigurable computing, from driving assistance, data and graph processing acceleration, computer security to the societal relevant topic of supporting early diagnosis of Covid infectious conditions.