1.	Record Nr.	UNINA9910254811003321
	Titolo	Communication in Critical Embedded Systems : First Workshop, WoCCES 2013, Brasília, Brazil, May, 10, 2013, Second Workshop, WoCCES 2014, Florianópolis, Brazil, May 9, 2014, Third Workshop, WoCCES 2015, Vitória, Brazil, May 22, 2015, 4th Workshop, WoCCES 2016, Salvador, Brazil, June 3, 2016, Revised Selected Papers / / edited by Kalinka Branco, Alex Pinto, Daniel Pigatto
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-61403-7
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XV, 131 p. 68 illus.)
	Collana	Communications in Computer and Information Science, , 1865-0929 ; ; 702
	Disciplina	004.16
	Soggetti	Mobile computing Multimedia information systems Computer organization Mobile Computing Multimedia Information Systems Computer Systems Organization and Communication Networks
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Distributed Algorithms -- Hardware and Software Architectures -- Integration of High Availability Clusters and Grids with Embedded Systems -- Media Access Control (MAC), cognitive radios and directional antennas -- Communication Group -- Mobile and Embedded Computing -- Middleware and Web Services -- Interaction between sensors and Mobile Robots -- GPU -- FPGA -- Fly by Wireless -- P2P, Mobile and Ad-Hoc Networks -- Safety and Certification -- Security -- Sensor and Vehicular Networks -- Unmanned systems (UAVs, UGVs).
	Sommario/riassunto	This book constitutes the best paper selection from the First Workshop, WoCCES 2013, held in Brasília, Brazil, in May 2013, the Second Workshop, WoCCES 2014, held in Florianópolis, Brazil, in May 2014, the

Third Workshop, WoCCES 2015, held in Vitória, Brazil, in May 2015, and the 4th Workshop, WoCCES 2016, held in Salvador, Brazil, in June 2016. The 7 revised full papers were carefully reviewed and selected from 41 submissions. The papers focus on important innovations and recent advances in the specification, design, construction and use of communication in critical embedded systems.