1.	Record Nr.	UNINA9910349281903321
	Titolo	Future Access Enablers for Ubiquitous and Intelligent Infrastructures : 4th EAI International Conference, FABULOUS 2019, Sofia, Bulgaria, March 28-29, 2019, Proceedings / / edited by Vladimir Poulkov
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-23976-4
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XII, 444 p. 249 illus., 185 illus. in color.)
	Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 283
	Disciplina	004 004.6
	Soggetti	Computer networks Application software Artificial intelligence Computer Communication Networks Computer and Information Systems Applications Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di contenuto	Anthropomorphic EMG-driven Prosthetic Hand -- Framework for Next Generation of Digital Healthcare Systems -- ECG -based human emotion recognition across multiple subjects -- Wireless Smart Monitoring of Patient Health Data in a Hospital Setup -- Game and Multisensory Driven Ecosystem to an Active Lifestyle -- EEG Signal Processing: Applying deep learning methods to identify and classify epilepsy episodes -- A novel portable tracking device with Kalman filter for hand and arm rehabilitation applications -- Data Analytics for Home Air Quality Monitoring -- Video Signal Recovery from the Smartphones Touchscreen LCD Display -- Low Power Wide Area Networks Operating in the ISM Band - Overview and Unresolved Challenges -- Continuous remote ammonia monitoring by air quality measurement and communication system -- IoT open architecture Ground Control System by adaptive fusion intelligent interfaces for robot vectors applied to 5G

network Densification Era -- Overview of IoT basic platforms for precision agriculture -- Improved Remote Control System for Analog Audio Mixers Featuring Internet of Things Elements -- Low-power intelligent displaying system with indoor mobile location capability -- On how Instantaneous Path Loss Modeling is a need of Internet of Drones based Intelligent Aerial Infrastructure -- Facial analysis method for estimation of pain intensity -- Real Time Analysis of Weather Parameters and Smart Agriculture using IoT -- Spatial multiplexing MIMO 5G-SDR open testbed implementation -- Hybrid Noise-Resilient Deep Learning Architecture for Modulation Classification in Cognitive Radio Networks -- Evaluation of Channel Estimation Algorithms using -- Practically Measured Channels in FDD Massive MIMO -- A Queue in Overall Telecommunication System with Quality of Service Guarantees -- On-site Measurements of TETRA Standard Emission Disturbing Interference -- An Overview of Methods of Reducing the Effect of Jamming Attacks at the Physical Layer of Wireless Networks -- The analysis of KeyPerformance Indicators (KPI) in 4G/LTE networks -- A novel MAMP antenna array configuration for efficient beamforming -- Design development of a car fan shroud based on virtual prototypes -- Implementation of piezoelectric actuators for pilot valve of high response hydraulic servo valve -- Design considerations through study of thermal behavior of Smart Poles -- Computer aided design of customized implants based on CT-scan data and Virtual Prototypes -- Additive/subtractive computer aided manufacturing of customized implants based on virtual prototypes -- ANN Modelling of Planar Filters Using Square Open Loop DGS Resonators -- Ground Sky Imager Based Short Term Cloud Coverage Prediction -- GPU Extended Stock Market Software Architecture.

| Sommario/riassunto | This book constitutes the refereed post-conference proceedings of the Fourth International Conference on Future Access Enablers for Ubiquitous and Intelligent Infrastructures, FABULOUS 2019, held in Sofia, Bulgaria, in March 2019. This year's conference topic covers Globalization through Advanced Digital Technologies – as the digitalization in all spheres of life has an impressive influence on communication and daily life in general. The 39 revised full papers were carefully reviewed and selected from 54 submissions. The main topics deal with: healthcare/wellness applications; IoT and sensor networks; IoT security in the digital transformation era; wireless communications and networks; virtual engineering and simulations. |