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Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 499
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Soggetti	Computers and civilization Computer networks Computer crimes Computer systems Computers, Special purpose Computers and Society Computer Communication Networks Computer Crime Computer System Implementation Special Purpose and Application-Based Systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	E-infrastructure: Centrality Based Algorithms for Controller Placements in Software Defined Wide Area Networks -- Modelling and multi-agent simulation of urban road network -- A Fuzzy logic based routing protocol to improve WSN performances -- A lightweight and robust dynamic authentication system for smarthome -- Anchor-Free Localization Algorithm using Controllers in Wireless Sensors Networks -- Assessing the Impact of DNS Configuration on Low Bandwidth Networks -- Mathematical Analysis of DDoS Attacks in SDN-based 5G -- A 5G-enabled e-infrastructure for multipoint video conferencing in higher education institutions of Burkina Faso -- E-Services (Farming): 9 Virtual Fences: A Systematic Literature Review -- A four steps approach

using digital technologies to deliver tailored farming practices to small-scale farmers: The case of smallholders cacao and coee farmers in the Ngounie region in Gabon -- Disjoint Routing Algorithms : A Systematic Literature Review -- Construction of a core ontology of endogenous knowledge on agricultural techniques: OntoEndo -- An architecture of a Data Lake for the Sharing, Agricultural Knowledge in Burkina Faso -- E-Services (Health): Deciphering Barriers and Facilitators of eHealth Adoption in Uganda using the Systems Thinking Approach - A Systematic Review -- Barriers and Facilitators of eHealth Adoption among Patients in Uganda – A Quantitative Study -- Survey of Detection and Identification of black Skin Diseases Based on Machine Learning -- Rebuilding Kenya's Rural Internet Access from the COVID-19 Pandemic -- Assessing personal perceptions of privacy and data protection among local residents with regard to the use of Unmanned Aerial Vehicles for humanitarian intervention: case study Malawi -- E-Services (Social): Community Networks in Kenya: Characteristics and Challenges -- Cybercrime Victimization: Experiences and Multi-stage Recommendations from a Survey in Cameroon -- E-Services (Education): Review of Federated Learning: Algorithms, Frameworks & Applications -- Intelligent Tutoring System to Learn the Transcription of Polysemous Words in Mooré -- Advanced ICT: Assessing the Quality of Acquired Images to Improve Ear Recognition for Children -- Autonomous Electromagnetic Signal Analysis and Measurement System -- Digital Transformation of Textile and Fashion Design Industry in the Global South: A Scoping Review -- Electrical Big Data 's stream management for Efficient energy control -- Mobile Money Phishing Cybercrimes: Vulnerabilities, Taxonomies, Characterization from an Investigation in Cameroon -- Software vulnerabilities detection using a trace-based analysis model -- Subscription Fraud Prevention in Telecommunication Using Multimodal Biometric System -- Use of Artificial Intelligence in cardiology: Where are we in Africa? -- Towards ICT-Driven Tanzania Blue Economy: The Role of Higher Learning Institutions in Supporting the Agenda.

Sommario/riassunto

This book constitutes the refereed proceedings of the 14th EAI International Conference on Towards new e-Infrastructure and e-Services for Developing Countries, AFRICOMM 2022, which was held in Zanzibar, Tanzania, in December 2022. The 30 papers presented in this volume were carefully reviewed and selected from 78 submissions. The papers are organized in the following topical sections: E-infrastructure; E-Services (Farming); E-Services (Health); E-Services (Social); E-Services (Education); and Advanced ICT.