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Descrizione fisica	1 online resource (536 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1937
Disciplina	006.31
Soggetti	Computer engineering Computer networks Application software Image processing - Digital techniques Computer vision Software engineering Computer Engineering and Networks Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Applications of Computational Mathematics to Simulation and Data Analysis (ACMaSDA 2023) -- A Discussion on Variants of an Anisotropic Model Applied to Depth Completion -- Chaos Analysis and Machine Learning for Forecasting Climate Change in some countries of Latin America -- Climate time series prediction by convex polygons and the Kalman Filter -- Parametric Study of a Stochastic SEIR Model for a COVID-19 Post-Pandemic Scenario -- A Simple Mathematical Model to Steering Oceanic Debris to a Targeted Region -- Challenges and the Impact of Communication and Information Technologies on Education (CICITE 2023) -- Software Solution to Automatize Evaluation and Accreditation Process in Higher Education -- Using Educational

Robotics to Explore and Teach Trochoidal Curves -- Impact of Mobile Technology on Learning and Library Policies -- Use of Simulators as a Digital Resource for Knowledge Transference -- Workshop on Gamification Application and Technologies (GAT 2023) -- The foggy frontier: exploring the fog and edge computing for online games -- GERF - Gamified Educational Virtual Escape Room Framework for Innovative MicroLearning and Adaptive Learning Experiences -- Bridging Knowledge in a Fragmented World (glossaLAB 2023) -- Factors affecting the reliability of information: the case of ChatGPT -- QuinoaSmartApp: a real-time agriculture precision IoT Cloud platform to crops monitoring -- Digital Platforms, digitization of community businesses in the province of Santa Elena - Ecuador -- Intelligent Systems for Health and Medical Care (ISHMC 2023) -- Analysis of Marketing Campaigns Results Through Unsupervised Learning with Apriori Association Modeling -- Mobile application to identify non-perishable products using machine learning techniques -- Efficient Spike Detection with Singular Spectrum Analysis Filter -- MangoFruitDDS: A Standard Mango Fruit Diseases Dataset made in Africa -- Management System For Pregnancy Evolution Tracking -- Intelligent emotion prediction system for help in telemedicine therapies of children with ASD -- Intelligent Systems in Forensic Engineering (ISIFE 2023) -- Social Media Intelligence as a Tool for Conducting Intelligence Activities -- Geometrical acoustics in cultural heritage conservation and promotion: digitalization of the acoustic characteristics -- The Language of the Forensic Structural Engineering -- International Symposium on Technological Innovations for Industry and Society (ISTIIS 2023) -- Coffee Silverskin: Unveiling a Versatile Agri-Food By-Product for Ethical Textile Coatings -- Towards a Modular IOT Simulation System for Industry -- 3D printing using natural fibers - an emerging technology in sustainable manufacturing: A review -- aWaRe: Aiming for Water and Waste Reduction, Reuse and Recycling -- STVgoDigital: a Digital Product Passport solution -- Automatic EPS Calculation Guided Genetic Algorithm and Incremental PCA Based DBSCAN of Extracted Acoustic Features for Anomalous Sound Detection -- International Workshop on Electronic and Telecommunications (IWET 2023) -- Comparative Analysis between LTE RSRP Measurements and Propagation Models in Open Area over 2800 m.a.s.l in Riobamba-Ecuador -- Method Hand-Driven used for features extraction in OCT B-Scan images processed -- Empowering Low-Power Wide-Area Networks: Unlocking the Potential of Sigfox in Local Transmission -- Innovation in Educational Technology (JIUTE 2023) -- Towards new acoustic narratives on University Campuses: Potential as non-formal educational tool -- Language as a moderating factor in cyber-safety awareness among school learners in South Africa: Systematic Literature Review (SLR) -- Data Analysis for performance improvement of university students using IoT -- Smart Tourism and Information Systems (SMARTTIS 2023) -- The impact of Smart Tourism on tourist experiences -- Impact of technology revolution on economic development over the past decade -- Impact of technology revolution on economic development over the past decade.

## Sommario/riassunto

The three-volume set CCIS 1935, 1936 and 1937 constitutes the refereed post-conference proceedings of the Third International Conference, ARTIIS 2023, Madrid, Spain, October 18–20, 2023, Proceedings. The 98 revised full papers presented in these proceedings were carefully reviewed and selected from 297 submissions. The papers are organized in the following topical sections: Part I: Computing Solutions, Data Intelligence Part II: Sustainability, Ethics, Security, and Privacy Part III: Applications of Computational

Mathematics to Simulation and Data Analysis (ACMaSDA 2023), Challenges and the Impact of Communication and Information Technologies on Education (CICITE 2023), Workshop on Gamification Application and Technologies (GAT 2023), Bridging Knowledge in a Fragmented World (glossaLAB 2023), Intelligent Systems for Health and Medical Care (ISHMC 2023), Intelligent Systems for Health and MedicalCare (ISHMC 2023), Intelligent Systems in Forensic Engineering (ISIFE 2023), International Symposium on Technological Innovations for Industry and Soci-ety (ISTIIS 2023), International Workshop on Electronic and Telecommunications (IWET 2023), Innovation in Educational Technology (JIUTE 2023), Smart Tourism and Information Systems (SMARTTIS 2023).

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