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Nota di contenuto	Part-vol-II. -- Intelligent Systems for Health and Medical Care (ISHMC 2025). -- Influence of Artificial Intelligence on Decision-Making in Nursing: an Integrative Review. -- Machine Learning for Blood Glucose Prediction: Insights from Real-World Continuous Monitoring Data. -- User-Centered Physiotherapy Prototype App Development for Post-Surgery Patients. -- Implementation and Integration of Machine Learning Models for the Early Diagnosis of Alzheimer's Disease with CDRSB as Virtual Assessment on a Web Platform. -- Predictive Model

for the Detection of Type 2 Diabetes in People Over 30 Years Old Using Machine Learning in Metropolitan Lima. -- Modeling of Children's Stories with PLN and Embeddings: Impact of Perpetuity on the Creativity of the Story Narrative -MoCPS2N. -- Proposal of a Calibration of Vision Systems for a surgical Robotic Arms. -- Implementation of Advanced Electromyography (EMG) Technologies for Medical Education and Diagnosis in Neurorehabilitation: Evidence from Public Databases. -- Quality and Performance Model in Aquaponic Systems for Aquaculture Health – QPMA. -- International Symposium on Technological Innovations for Industry and Society (ISTIIS 2025). -- Gamification as a Strategy to Promote Family Farming: A Framework-based Approach. -- An Integrated Architecture for Life Cycle Assessment and Digital Product Passport in the Textile Industry: A Modular Architecture Proposal. -- Human vs. Model: Usability Assessment and Quality Estimation in Machine Translation into a Low-resource Language. -- From Data to Decision: Validating a Technological Innovation Management Model through a Digital Twin-Based Waste Experiment in an Urban Living Lab. -- International Workshop on Electronic and Telecommunications (IWET 2025). -- Biogas Production for Cooking: Case Study for an Ecuadorian University. -- Navigation System for Tracking the Trajectories of an Unmanned Serial Vehicle Using Computer Vision. -- Digital Evidence Preservation in the Cloud: A Systematic Review of Risks, Emerging Models, and Legal Admissibility Standards. -- Sizing Optimization of Off-grid Solar-wind Based Energy Generation Systems in Ecuador Considering Techno-economic Constraints on a PSO Algorithm. -- Admissibility of Digital Evidence: Integration of Technical and Legal Standards in Forensic and Judicial Contexts. -- Evaluation and Correction of a GPON Network in a University Telecommunications Laboratory. -- Design of a Virtual Environment with RSRP Measurements Obtained in an Open Area at More than 2800 m.a.s.l. in Riobamba-Ecuador. -- Design and Implementation of an Artificial Vision System on Board a BlueROV Underwater Robot for Starfish Detection. -- Adaptive MCS Optimization with Feature Selection and Machine Learning for C-V2X Sidelink. -- Techno-Economic Analysis of Least-Cost Technology Solutions for Expanding Electricity Access in Ecuador. -- International Workshop on Next-Generation Software Engineering (NEXT-SOFT 2025). -- Empirical Evaluation of MVC Frameworks: Performance, Scalability, Developer Experience and Learning Curve. -- Generative Web with LLMs: A PrivacyFirst Architecture for Secure Personalisation on the Edge. -- Smart Tourism and Information Systems (SMARTTIS 2025). -- Impact of Ecological issues on Buy intention: A Portuguese quantitative study. -- Smart City Maturity Level In Ecuadorian Cities: Opportunities And Challenges. -- Smart Regional Development through Cutting-Edge Technologies: A Bibliometric Analysis. -- Chatbots as Strategic Tools in Organizations. -- Smart Tourism Through Chatbots: A Practical implementation for Northern Portugal. -- Technological Strategies on Digital Communication and Marketing (TechDiComM 2025). -- AI-Driven Marketing Intelligence Evolution. -- Workshop on IoT Networks and Wireless for sustainability (WIN-WIN-4S 2025). -- YOLOv6-Powered Smart Shopping Cart for Real-Time Product Recognition and Checkout.

Sommario/riassunto

This two volume set consists of the peer-reviewed papers from 15 workshops of the 2025 International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability, ARTIIS 2025, held in Cartagena de Indias, Colombia, during October 21–23, 2025. The 59 full papers and 8 short papers included in these volumes were carefully reviewed and selected from 177 submissions. These

papers focus on topics such as computing solutions; data intelligence; sustainability; ethics, security, and privacy.
