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Nota di contenuto	-- Advanced and Innovative web Apps 2025 (AIWA 2025). -- B2B Service for Tracking User Behavior. -- Contribution to Nosocomial Infections Detection via Biosensors Particles Spatial Simulation in Mixed Reality Environment. -- Dockerized Architecture for a Progressive Web App: An Italian Collocations Dictionary. -- Automated generation of web resources for the locative web. -- 885 443 442 441 213 Geomatics for Resource Monitoring and Management (GRMM 2025). -- ANALYSIS OF THE STABILITY CONDITIONS OF THE GROTTA DI

CASTELLANA'S GRAVE (APULIA, SOUTHERN ITALY). -- Comparative study of different constructions of morphological leveling decompositions for spatial multi-scale image analysis. -- Retro-planning: a time machine for Cultural Heritage The urban gate S. Leonardo - Barletta (BAT). -- Monitoring Long-Term Trends in Aglianico Vineyards Using a Mann-Kendall Test Approach, Sen's Slope Estimator, and Sentinel-2 Time Series. -- SoilEye: An Interactive Web App Prototype for Soil Sealing Monitoring. -- Earth Observation Big Data for Soil Moisture Estimation Techniques in Precision Viticulture. -- Assessing Soil Sealing Dynamics in the Metropolitan Area of Bari using Sentinel-2, Sealed Surface Index, and Machine Learning Approaches. -- TLS Radiometric analysis for monitoring plant diseases in Apulia's olive groves. -- GIS-based approach to evaluate the photovoltaic potential of a territory: the case study of the municipality of San Severo in the Apulia Region. -- Environmental processes related to soil temperature: problems and analysis methodologies. -- EU regulatory framework and funding to combat desertification. -- Simulating Dissolved Oxygen Concentrations at the Watershed Scale: A Machine Learning Approach with Physical Constraints. -- International Workshop on Information and Knowledge in the Internet of Things (IKIT 2025). -- Determinants of University Dropout and Educational Quality Improvement. -- Comprehensive Home Monitoring System for Cardiovascular Health Management. -- Contrasting Neural Network Techniques for Enhanced Natural Language Understanding in Conversational Agents - CoN2LUC. -- A Lightweight FPGA-based Steganography Accelerator Core for Edge Platforms. -- Experimental Evaluation of LoRa RSSI Performance in Educational IoT Deployments. -- Pedagogical Challenges of Generative AI in Academic Writing.

Sommario/riassunto

The fourteen-volume set LNCS 15886-15899 constitutes the papers of several workshops which were held in conjunction with the 25th International Conference on Computational Science and Its Applications, ICCSA 2025, held in Istanbul, Turkey, during June 30–July 3, 2025. The 362 full papers, 37 short papers and 2 PhD showcase included in this book were carefully reviewed and selected from 1043 submissions. In addition, the conference consisted of 58 workshops, focusing on very topical issues of importance to science, technology and society: from new mathematical approaches for solving complex computational systems, to information and knowledge in the Internet of Things, new statistical and optimization methods, several Artificial Intelligence approaches, sustainability issues, smart cities and related technologies.
