1. Record Nr. UNINA9911046014603321

Autore	Kim Byung-Gyu
Titolo	Multimedia Information Technology and Applications : 21st International Conference on Multimedia Information Technology and Applications, MITA 2025, Jeju, South Korea, July 21–24, 2025, Proceedings / / edited by Byung-Gyu Kim, Hiroo Sekiya, Deokwoo Lee
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026
ISBN	981-9531-41-1
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (315 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2675
Altri autori (Persone)	SekiyaHiroo LeeDeokwoo
Disciplina	006.7
Soggetti	Multimedia systems Image processing - Digital techniques Computer vision Virtual reality Augmented reality User interfaces (Computer systems) Human-computer interaction Multimedia Information Systems Computer Imaging, Vision, Pattern Recognition and Graphics Virtual and Augmented Reality User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Artificial Intelligence for Multimedia -- Retinal Vessel Segmentation Using an AttentionEnhanced U-Net Architecture. -- A Weighted Ensemble Approach Integrating Large Language Models for Enhanced Agricultural Knowledge Retrieval. -- Improving Image Classification Efficiency with Knowledge Distillation and Channel Attention. -- Explainable Graph-Based Retrieval-Augmented Generation with Landmark-Centric Reasoning Paths. -- Knowledge Distillation-Based Lightweight Model for Solar Cell Defect Classification. -- Task-Evoked

BOLD Contrast and Machine Learning for Schizophrenia Classification: A DMN-Focused and Whole-Brain Analysis. -- Edge-Aware Lightweight Network for Medical Image Segmentation. -- Evaluating the Impact of Backbone Networks and Input Resolution on Forearm Acupoint Localization. -- Pronoun Matters: A Benchmark for Diagnosing Gender Bias in Emotion Classification. -- Analyzing Hyperparameter Optimization Methods for Federated Learning Systems. -- Recognition of Radicals of Guqin Music Notation by YOLO. -- RMSF-ViT: Randomized Multi-Scale Fusion Vision Transformer. Multimedia System and Applications -- Enhancing Traceability and Interpretability of Datasets for RAG Evaluation: A Context-ID-Aware and GraphBased Visualization Approach. -- Intelligent Personality-aware AR Gait Training using Smart Glasses: Personalized Multimodal Feedback for Next-generation Digital Rehabilitation. -- A High-Fidelity Synthetic MetaAcuPoint Depth (MAP-d) Dataset for Acupoint Localization Using MetaHuman Avatars. -- Noise-induced distributed scheduling of message transmission of receiver-less nodes in APCMA. -- AI-based health monitoring system for old buildings. -- Phase-Specific Gait Characterization and Plantar Load Progression Analysis Using Smart Insoles. -- A Bilingual App for Campus Wayfinding and Local Cultural Immersion.

Sommario/riassunto

This open access book constitutes the refereed proceedings of the 21st International Conference on Multimedia Information Technology and Applications, MITA 2025, Jeju, South Korea, during July 21–24, 2025. The 14 full papers and 5 short papers included in this book were carefully reviewed and selected from 94 submissions. They were organized in topical sections as follows: Artificial Intelligence for Multimedia. Multimedia System and Applications. .