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Livello bibliografico	Monografia
Nota di contenuto	MiRNA disease associations prediction based on improving feature vectors quality combined with highly reliable negative samples selection -- signBEER Decentralized Optimization with Improved Communication by Signs -- Frequency spatial Feature Fusion Network for Infrared and Visible Image Fusion -- Combining Lora With AR In IoT Enabled Smart Farm Monitoring -- AI Fitness Trainer using 3D Human Pose Estimation and Dynamic Time Warping -- A Non Test Driver Concolic Based Unit Testing Method for Java Projects -- Deep Learning Based Convolutional Neural Network for Crash Severity Prediction -- Enhanced Attention based Multimodal Deep Learning for Product Categorization on E commerce Platform -- Pre trained Self Attention

Framework An Efficient Mechanism for Source Separation -- Meta heuristic for a flight service scheduling problem in Viet Nam -- Implementation of a VCO based ADC on TSMC CMOS 65nm for Audio Applications -- Federated Learning of Random Oblique Stumps Tailored on the Raspberry Pi Zero for the ImageNet Challenge -- COMBINATION OF GALE SHAPLEY AND PESA II ALGORITHM IN STUDENT UNIVERSITY MATCH -- Optimising Deep Learning for Wearable Sensor based Fall Detection -- A New Approach for Concept Drift Detection in Visual Data -- cMDTPS Comprehensive Masked Modality Modeling with improved similarity distribution matching loss for Text based Person Search -- Implementing Efficient Memory Based Collaborative Filtering Recommendation Systems Methods for Improving Scalability in Training Phase -- A Case Study Evaluating Improved Performance in Image Classification Through Combination of CBAM and ShuffleNetV2 Model -- BERT based model for Vietnamese Fact Verification Dataset -- Statistical vs Neural Machine Translations for Khmer Braille -- Exploring Scalability in Large Scale Time Series in DeepVATS framework -- GEO An Approach for Out of Distribution Detection in Graph Neural Networks using Energy Scoring and One Class Learning -- COLLISION AVOIDANCE PROBLEM FOR ROBOTS IN SMART WAREHOUSES USING A FOCUSED DECENTRALIZED REINFORCEMENT LEARNING MODEL -- Data Augmentation Methods for Cross device Acoustic Scene Classification -- In depth with Spatial Temporal Graph Neural Networks for Traffic Forecasting An overview with Attention -- A group decision model using picture fuzzy rough approximation space -- Sentiment Analysis of Airline Customer Reviews in Vietnamese Language using Deep Learning -- How does Data Augmentation Affect to Model Performance in Long Tailed Classification? -- Improved Tomato Detector Supporting for Automatic Harvesting Systems -- Multi scale Convolutions Meet Group Attention for Dense Prediction Tasks -- Small Object Detection with Attention free Transformer for Aerial Surveillance System -- A Lightweight based Architecture for Nuclei Segmentation in Histopathology Images -- MCST Net A Multi Cross Spatial attention U net with Transformer block for Skin Lesion Segmentation -- Governance in Digital Entrepreneurship Ecosystems A Narrative Review -- Exploring Determinants of E banking Non adoption among Customers A case study in Export Import Commercial Joint Stock Bank, Vietnam -- Factors influencing the organizational commitment of employees in the digital work environment A case of Dak Lak province in Vietnam -- Enhanced the GMr (1,1) Model in Forecasting and Decision – Making -- RadSense Radio Sensing for Crime Monitoring in Restricted Access Areas -- An Effective Unsupervised Cyber Attack Detection on Web Applications using Gaussian Mixture Model -- 5G Core Security An Insider Threat Vulnerability Assessment -- Advancing Security in SDN IoT Networks DL Based Autonomous Anomaly Detection with Enhanced Cross Validation for Poisoning Attack Detection -- Multimodal Deep Learning Feedback for Generating Evasive Malware Samples against Malware Detector -- Advancing Phishing Attack Detection with A Novel Dataset and Deep Learning Solution.

Sommario/riassunto

This book presents selected papers from the 13th International Conference on Information Technology and its Applications (CITA 2024) which took place on July 19–20, 2024. The 13th CITA will be hosted by the Vietnam-Korea University of Information and Communication Technology (VKU), a member of University of Danang, with the supports of the researching and training institutions belonging to ASEAN Consortium for Innovation and Research (ACIR) as well as Vietnam ICT Association of Faculties-Institutes-School-Universities (FISU Vietnam). The conference will take place in Da Nang City and Hoi

An City which are beautiful and livable cities in Vietnam. All papers submitted to CITA 2024 are reviewed seriously, closely, and thoroughly by 02-04 reviewers with appropriate expertise, with professional advice from reputable scientists in the fields of information and communication technology. Over the past 13 years of establishment and development, CITA has become an international scientific conference with a prestigious brand in the scientific community not only in Vietnam but also around the world in the field of ICT and digital economy. For this edition of the conference, we have received in total 173 papers whose authors come from over 25 countries around the world. Only 43 papers of the highest quality were selected for oral presentation and publication in this LNNS volume. The average rate of papers accepted by this volume is about 25%. Papers included in these proceedings cover the following topics: data science and artificial intelligence, image and natural language processing, software engineering and information system, network and communications, and digital economy. The accepted and presented papers focus on new trends and challenges facing information technology and its applications. The presenters show how research works can stimulate novel and innovative applications. We hope that you find these results useful and inspiring for your future research work. .
