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Nota di contenuto	-- Advanced Network Technologies. -- An Insider Threat Resilient Framework Based on Honey Traps in a Function-Based Access Control Environment. -- Performance comparison of QoS aware power

allocation and optimization techniques for the small-cell 5G networks. -- Reduced Competitive ratio of Sparse Semi-oblivious routing using social spider algorithm. -- Underwater Wireless Sensor Network Based on Mulithop Transmission using Ant Colony Optimization Algorithm. -- Detection of Malicious Network Traffic Attacks using Support Vector Machine. -- IoT Based Safety Monitoring and Communication System for Underground Coal Mines. -- Enhancing Network Security: A Hybrid Approach for Detection and Mitigation of Distributed Denial-of-Service Attacks Using Machine Learning. -- A Comparative Study of Low Power Wide Area Network Technologies for Smart Agriculture. -- OpenGNN: Augmenting Graph Neural Networks for Open-Set Node Prediction in Complex Networks. -- Optimizing Amazon SageMaker Workloads with Predictive Compute Type Selection Strategies. -- Threshold Based VM Placement Using MAD and IQR. -- On Designing an Intelligent Shipping Algorithm for Decentralized E-Commerce Systems. -- PwnShield: An Automated Approach To Detect And Exploit Buffer Overflows And Bypassing Modern Mitigation Techniques. -- Analysis of the Impacts of Flooding-based DDoS Attacks on SDN-enabled Cloud. -- Tree Topologies and Node Covers for Efficient Communication in Wireless Sensor Networks. -- Binary Computation Offloading in Edge Computing using Deep Reinforcement Learning. -- Data Agent-Based Volumetric Progress Monitoring over Mobile Ad-hoc Network in Disaster Management. -- Intelligent Computing. -- Deep Neural Networks for efficient Image Caption Generator. -- Computing Social Presence in Online Discussions Using Natural Language Processing Algorithms: A Conceptual Proposal in Python. -- Applications of Data Science and Machine Learning for Combating COVID-19. -- Hate Speech Detection in Audio using SHAP - An Explainable AI. -- Distributed Random Forest for Predicting Forest Wildfires Based on Weather Data. -- Audio-text Retrieval: Exploring Shared Parameters and Intra-Modal Constraint Loss. -- Grey Wolf Optimization based Hyper-Parameter Optimized Deep EfficientNet for Chest X-Ray based Detection of COVID-19. -- An Assorted Ensemble Method for Prediction of Terminal Care Preference by Caregivers of Alzheimer’s Victims.

Sommario/riassunto

The 4-volume proceedings set CCIS 2090, 2091,2092 and 2093 constitute the refereed post-conference proceedings of the Third International Conference on Advanced Network Technologies and Intelligent Computing, ANTIC 2023, held in Varanasi, India, during December 20-22, 2023. The 87 full papers and 11 short papers included in this book were carefully reviewed and selected from 487 submissions. The conference papers are organized in topical sections on: Part I - Advanced Network Technologies. Part II - Advanced Network Technologies; Intelligent Computing. Part III - IV - Intelligent Computing.