

| # | Authors | Title | Track | Poster Session | Day |
|------|--|---|----------------------------|----------------|------------|
| 2385 | Nguyen Nang Hung Van, Phuc Hao Do, Van Nam Hoang, Aleksandr Borodko and Tran Duc Le | Leveraging FFT and Hybrid EfficientNet for Enhanced Action Recognition in Video Sequences | AI Foundation and Big Data | 1 | 07/12/2023 |
| 3231 | Tan Tran, Canh Pham and Dung Ha | Maximizing a ξ -Submodular Maximization Function under an Individual Knapsack Constraint | AI Foundation and Big Data | 1 | 07/12/2023 |
| 3331 | Dang H. Pham, Anh D. Nguyen, Long V. Vu and Hoa N. Nguyen | IQAGA: Image Quality Assessment-Driven Learning with GAN-Based Dataset Augmentation for Cross-Domain Person Re-Identification | AI Foundation and Big Data | 1 | 07/12/2023 |
| 3695 | Ngo Thi-Vinh, Bui Van-Tan, Nguyen Phuong-Thai and Nguyen Le-Minh | Improving Multilingual Neural Machine Translation with Artificial Labels | AI Foundation and Big Data | 1 | 07/12/2023 |
| 3958 | Nguyen Thi Khanh Tram, Doan Trung Son and Anh Võ Thái | Weapon Detection Using Deep Learning | AI Foundation and Big Data | 1 | 07/12/2023 |
| 4119 | Guillaume Guérard, Soufian Ben Amor, Loup-Noé Levy, Djebali Sonia, Maxence Choufa and Clément Cornet | Clustering Mixed Data Comprising Time Series | AI Foundation and Big Data | 1 | 07/12/2023 |
| 4751 | Thi Minh Nguyen, Thi An Le and Thi Hau Nguyen | A flexible framework for customer behavior prediction based on ensemble learning | AI Foundation and Big Data | 1 | 07/12/2023 |
| 5035 | Michael Jungo, Lars Vögtlin, Atefeh Fakhari, Nathan Wegmann, Rolf Ingold, Andreas Fischer and Anna Scius-Bertrand | Impact of the ground truth quality for handwriting recognition | AI Foundation and Big Data | 1 | 07/12/2023 |
| 5177 | Jun Yao and Huanhuan Chen | Adaptive Nonlinear Dimensionality Reduction with a Local Metric | AI Foundation and Big Data | 1 | 07/12/2023 |
| 5211 | Nguyen Sy Duc, Nguyen Van Nga and Dao Thanh Chung | Video Sage: Video Recommendation Using Graph Convolution Neural Network | AI Foundation and Big Data | 1 | 07/12/2023 |
| 6360 | Duc-Thao Do, Tien-Dung Cao, Hien Tran and Huy Quoc Le | Optimizing GANs using Relativistic Discriminator with Margin Losses for Semi-supervised Learning | AI Foundation and Big Data | 1 | 07/12/2023 |
| 7779 | Thai Huy Nguyen and Ngoc Hoang Luong | Understanding the Role of Population Experiences in Proximal Distilled Evolutionary Reinforcement Learning | AI Foundation and Big Data | 1 | 07/12/2023 |
| 9303 | Quy Tran Van, Tram Nguyen Bao and Tu Pham Minh | Integrated Hybrid Approaches for Stock Market Prediction with Deep Learning, Technical Analysis, and Reinforcement Learning | AI Foundation and Big Data | 1 | 07/12/2023 |
| 4403 | Cheng Xu and M-Tahar Kechadi | Fuzzy Deep Hybrid Network for Fake News Detection | AI Foundation and Big Data | 1 | 07/12/2023 |
| 1157 | Son Ngo Duc Hoang, Anh Bui Vuong Tam, Phuoc Phan Hoang, Giang Tran Thi Cam, Thanh Nguyen Hung, Quyen Nguyen Huu, Duy Phan The and Van-Hau Pham | BlazeSearch: A multimodal semantic search engine for retrieving in-video information for AI Challenge HCMC 2023 | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 1313 | Thai Ngoc Toan Truong and Thi Thanh Sang Nguyen | Global Knowledge-Aware and Local Attention-Aware Framework for News Recommendation | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 2600 | Phong Phan Nguyen Huu, Khoa Tran Dinh, Ngan Tran Kim Ngoc, Luong Tran Duc, Phuc Le Hoang, Quyen Nguyen Huu, Duy Phan The and Van-Hau Pham | DoppelSearch: A Novel Approach to Content-Based Video Retrieval for AI Challenge HCMC 2023 | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 3167 | Khai Trinh Xuan, Nguyen Nguyen Khoi, Huy Luong-Quang, Sang Hoa-Xuan, Anh Nguyen-Luong-Nam, Minh-Hung An and Hong-Phuc Nguyen | Multi-User Video Search: Bridging the Gap Between Text and Embedding Queries | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 3227 | Phong Truong, Anh Dao, Dat Nguyen and Khoi Le | NewSeeker: An Interactive Event Query System for Video Data | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 6657 | Hồng Lĩnh Phạm, Tấn Luân Huỳnh, Lê Hoàng Nguyễn, Minh Toàn Đình and Tuấn Mạnh Hùng Võ | Efficient Video Retrieval with Advanced Deep Learning Models | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 6897 | Quang Tan Nguyen, Xuan Quang Nguyen, Trong Bao Ho, Duc Thang Truong and Minh Hoang Le | Vi-ATISO: An Effective Video Search Engine at AI Challenge HCMC 2023 | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 7065 | Junjie Shan, Yangdi Ni and Yoko Nishihara | Dialogue Attributes' Zero-Shot Classification Based Anime Scene's Matching for Japanese Listening Test | Lifelog Event Retrieval | 2 | 07/12/2023 |

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| 8202 | Minh-Dung Le-Quynh, Anh-Tuan Quang-Hoang, Anh-Tuan Nguyen, Van-Huy Dinh, Tien-Huy Nguyen and Hoang-Bach Ngo | Enhancing Video Retrieval with Robust CLIP-Based Multimodal System | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 8585 | Dang Pham-Hai, Ninh Duong-Bao, Jing He, Luong Nguyen Thi, Seon-Woo Lee and Khanh Nguyen-Huu | WiFi-based Positioning System with k-means Clustering and Outlier Removal: Evidence from Multiple Datasets | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 9515 | Kiet Pham Gia, Hai Binh Tran Le, Phi Long Nguyen Huynh, Song Phuong Le Tran, Long Pham Hoang, Tin Huynh Ngoc, Tri Pham Xuan and Duong Tran Ham | An Interactive System for Multimedia Retrieval in Video Collection with Temporal Integration | Lifelog Event Retrieval | 2 | 07/12/2023 |
| 196 | Hung Tran, Tung Pham Huu, Tu Lam-Thanh, Van Vo Nhan, Giang Vu Le Quynh, Viet-Hung Dang and Trinh Van Chien | Packet Timeout Probability for Cognitive Cooperative Radio Network under Security Constraint | Networking and Communication Technologies | 2 | 07/12/2023 |
| 2214 | Hieu Nguyen Doan, Tung Nguyen Xuan, Quang Vinh Do, Hwang Won Joo, Chung Sang-Hwa and Kim Jong-Deok | Graph Neural Network-based Federated Learning for Sum-rate Maximization in Small-cell Wireless Network | Networking and Communication Technologies | 2 | 07/12/2023 |
| 2887 | Hoang Long Vu, Quang Anh Tran, Bao Son Do, Huu Binh Ta, Binh Minh Nguyen and Thi Thanh Binh Huynh | GAPRO: An Adaptive User-centric Resource Allocation and Task Offloading Strategy for Multi-access Edge Computing | Networking and Communication Technologies | 2 | 07/12/2023 |
| 3769 | Mateusz Kazimierczak, Thanyathorn Thanapattheerakul and Jonathan H. Chan | Enhancing Security in WhatsApp: A System for Detecting Malicious and Inappropriate Content | Networking and Communication Technologies | 2 | 07/12/2023 |
| 5435 | Minh Vu Nguyen, Ngoc Thuy Le, Dung Duong, Yannan Li and Madhav Mukherjee | Blockchain Oracles: Implications for Smart Contracts in Legal Reasoning and Addressing the Oracle Problem | Networking and Communication Technologies | 2 | 07/12/2023 |
| 8656 | Hoang Quan Pham, Manh Cuong Pham, Thanh Hung Nguyen, Phi Le Nguyen and Van Chien Trinh | A Q-learning-based Energy Efficiency Optimization in LoRa Networks | Networking and Communication Technologies | 2 | 07/12/2023 |
| 1143 | Cong Thuan Do, Anh Nam Le, Van Duc Nguyen and Van Chien Trinh | Deep Learning-based Prediction of Alertness and Drowsiness using EEG Signals | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 4924 | Wafae Aissaoui, Fadoua Khennou and Abderrahim Abdellaoui | Enhancing Intensive Care Patient Prognostics with Machine Learning | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 5039 | Nhut-Thanh Le-Hinh, Hoa-Vien Vo-Hoang, Trong-Nghia Tran and Xuan-Nam Cao | Improving Depression Classification in Social Media Text with Transformer Ensembles | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 6021 | Tue Cao, Nhat Tran, Le Nguyen, Hung Nguyen and Hieu Pham | IncepSE: Leveraging InceptionTime's performance with Squeeze and Excitation mechanism in ECG analysis | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 6182 | Duc-Long Vu and Hai-Chau Le | Efficient Machine Learning-based Gene Selection Exploiting Immune-related Biomarkers and Recursive Feature Elimination for Sepsis Diagnosis | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 9841 | Hieu Phan Trung, Su Nguyen Thiet, Tuan Nguyen Trung, Loc Le Tan, Triet Tran Minh and Tho Quan Thanh | OsteoGA: An Explainable AI Framework for Knee Osteoarthritis Severity Assessment | Artificial Intelligence and Data Science for Smart Health and Medicine | 3 | 08/12/2023 |
| 5315 | Nguyễn Võ Duy, Thụ Nguyễn Minh, Triết Nguyễn Huỳnh Minh and Khang Nguyễn Tấn Trần Minh | Optimizing Results in Aerial Images through Post-Processing Techniques on YOLOv7 | Multimedia Processing | 3 | 08/12/2023 |
| 2029 | Vu Tuan Hai and Pham The Bao | Entangled topologies for quantum neural networks in quantum image processing | Multimedia Processing | 3 | 08/12/2023 |
| 3059 | Duc-Vu Nguyen and Quoc-Nam Nguyen | Evaluating the Symbol Binding Ability of Large Language Models for Multiple-Choice Questions in Vietnamese General Education | Multimedia Processing | 3 | 08/12/2023 |
| 3145 | Lê Công Luận and Trần Minh Triết | Analyze video action with a deep learning model based on space-time and context information | Multimedia Processing | 3 | 08/12/2023 |
| 3257 | Bao Quoc Phan Nguyen, Hung Thanh Nguyen and Ngoc Quoc Ly | A New Coarse-To-Fine 3D Face Reconstruction Method Based On 3DMM Flame and Transformer: CoFIT-3D FaRe | Multimedia Processing | 3 | 08/12/2023 |
| 4249 | Duy-Tung Nguyen, Duc-Manh Nguyen, Dinh-Tan Pham, Khoat Than, Hong-Thai Pham and Hai Vu | Bayesian method for bee counting with noise-labeled data | Multimedia Processing | 3 | 08/12/2023 |

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| 5830 | Stefan Pham, Shri Hari Gopalakrishnan, Cise Midoglu, Robert Seeliger, Stefan Arbanowski and Stephan Steglich | A Novel Approach to Streaming QoE Score Calculation by Integrating Error Impacts | Multimedia Processing | 3 | 08/12/2023 |
| 7484 | Anh-Kiet Vo and Thien Huynh-The | LiPoSeg: A Lightweight Encoder-Decoder Network for LiDAR-based Road-Object Semantic Segmentation | Multimedia Processing | 3 | 08/12/2023 |
| 7914 | Tung Nguyen Quang and Oanh Nguyen Thi | Language Knowledge-Assisted in Topology Construction for Skeleton-Based Action Recognition | Multimedia Processing | 3 | 08/12/2023 |
| 9545 | Viet Hang Duong and Dang Duc Manh Nguyen | Lite FPN_SSD: A Reconfiguration SSD with Adapting Feature Pyramid Network Scheme for Small Object Detection | Multimedia Processing | 3 | 08/12/2023 |
| 888 | Chinh Nguyen Truong, Phuc Dang and Hieu Dau Sy | RAC-SAC: An improved Actor-Critic algorithm for Continuous Multi-task manipulation on Robot Arm Control | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 1112 | Tuan Do Trong, Duy Tran Bao, Khai Vu Dinh and Hoang-Anh Pham | Applying Deep Learning for UAV Obstacle Avoidance: A Case Study in High-Rise Fire Victim Search | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 1201 | Cao Vu Bui, Thi Thu Hong Phan and Luong Vuong Nguyen | An Ensemble Approach to Graph Layout for Movie Poster Similarity Visualization | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 3091 | Cong-Tai Nguyen, Huu-Hung Nguyen and Minh-Triet Tran | A Comprehensive Web Annotation Application for Organ Image Segmentation and Predictive Inference | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 6020 | Duc Duy Le, Thi Kieu Chinh Nguyen, Thanh Ha Le, Thi Cam Huong Nguyen and Thi Duyen Ngo | An eye tracking - based system for capturing visual strategies in reading of children with dyslexia | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 8308 | Gia-Huy Vuong and Minh-Triet Tran | Resnet Video 3D for Gait Retrieval: A Deep Learning Approach to Human Identification | Human Computer Interaction and Intelligent Interactive Systems | 4 | 08/12/2023 |
| 1516 | Pham Huu Phong, Nguyen Viet Hung, Tran Ngoc Anh and Nguyen Minh Hieu | LOG ANALYSIS FOR NETWORK ATTACK DETECTION USING DEEP LEARNING MODELS | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 1892 | Bằng Lê Hồng, Thăng Lê Đức, Trung Đoàn Minh, Dũng Trần Tuấn, Duy Phan Thế and Hậu Phạm Văn | Contextual Language Model and Transfer Learning for Reentrancy Vulnerability Detection in Smart Contracts | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 1982 | Minh-Quan Le, Hai-Duong Le, Anh Vu Dinh-Duc and Thanh-Tung Tran | IU-TransCert: A Blockchain-Based System for Academic Credentials with Auditability | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 7611 | Minh Vo Quang, Dang Bui Tan Hai, Ngan Tran Kim Ngoc, Son Ngo Duc Hoang, Quyen Nguyen Huu, Duy Phan The and Van-Hau Pham | Shark-Eyes: A multimodal fusion framework for multi-view-based phishing website detection | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 8156 | Thanh-Hai Nguyen, Olivier Heron and Olivier Riou | Towards Privacy-aware Manufacturing Data Exchange Platform | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 9628 | Thanh Binh Nguyen, Duc Dang Khoi Nguyen, Binh Nguyen Le Nguyen and Le Duy Tan | A Machine Learning-Based Anomaly Packets Detection for Smart Home | Recent Advances in Cyber Security | 4 | 08/12/2023 |
| 3566 | Bui Thi-Mai-Anh and Nguyen Nhat Hai | On the Value of Code Embedding and Imbalanced Learning Approaches for Software Defect Prediction | Software Engineering | 4 | 08/12/2023 |
| 6185 | Fabian Winkler and Markus Westner | A Systematic Literature Review of DevOps Success Factors and Adoption Models | Software Engineering | 4 | 08/12/2023 |