

SOICT 2025 POSTER PROGRAM
12-13 December 2025
SHERATON NHA TRANG HOTEL, NHATRANG, VIETNAM

DAY 1 (Friday, 12 December 2025)				
07:45 - 18:00	Registration			
08:30 - 08:50	CONFERENCE OPENING			
08:50 - 09:30	Keynote I: Vincent Wong (The University of British Columbia, Canada) Machine Learning for Integrated Sensing and Communication Venue: Ballroom			
09:30 - 10:10	Keynote II: John C.S. Lui (The Chinese University of Hong Kong, Hong Kong) Quantum Internet: The Final Frontier Venue: Ballroom			
10:10 - 12:00	SOICT Poster Session 1 AI Applications Chair: Nguyen Hung Son	SOICT Poster Session 2 AI Applications Chair: Tran Hai Anh	SOICT Poster Session 3 AI Applications Chair: Ta Duy Hoang	SOICT Poster Session 4 AI Applications Chair: Nguyen Hung Son
	<i>Quoc-Viet Hoang and Trung-Hieu Le</i> Feature Optimization for Improving Locust Detection	<i>Huong Chau, Ly Thi Le, Phuc Chanh Lam, Anh Thi-Hoang Nguyen, Trong-Hop Do and Huy M. Le,</i> ViTrustKOL: A Vietnamese Dataset for Consumer Trust Classification toward Key Opinion Leaders	<i>Luyen Vo, Phuoc-Sang Tran and Anh-Cuong Le,</i> Addressing Data Scarcity and Imbalance in Depression Screening with Persona-Driven Synthetic Data	<i>Hong-Viet Tran, Xuan-Son Quan, Tien-Khoi Nguyen and Lam-Quan Tran,</i> ViFin-MARS: A Question-Answering System for Financial News Dataset integrating User Intent Identification and Multi-Agent RAG Systems
	<i>Chinh Tran Duc, Nghia Nguyen Tri, Ha Chu Hai and Hanh Nguyen Thi,</i> HMCT: A Hybrid Multi-Scale CNNs-Transformer encoder for Fault Diagnosis in WSNs	<i>Tung Luong Nguyen, Hong Nhat Tran and Van Hai Do,</i> Efficient Caching for Conditional Flow Matching in Vietnamese Zero-Shot TTS	<i>Quoc-Viet Hoang, Trung-Hieu Le, Hong-Son Vu and Van-Quyet Nguyen,</i> Fish-Net: an Effective Model for Underwater Fish Detection	<i>Van Nang Hung Nguyen, Nam Van Hoang, The Thang Cao and Truc Thi Kim Nguyen,</i> Polynomial-Augmented Instant Neural Graphics Primitives
	<i>Dang Phuong Nam, Nguyen Kieu Linh and Pham Thanh Hieu,</i> SafeGen: Embedding Ethical Safeguards in Text-to-Image Generation	<i>Truong Xuan Hung, Luong The Dung, Tran Anh Tu, Vo Dinh Quyet and Nguyen Anh Khoi,</i> A Robust Multi-Modal Framework for Explicit Content Detection in Digital Forensics via Adversarial-Resilient Ensemble Learning and Homomorphic Encryption	<i>Cuong Nguyen, Dung Tran, Hong Nguyen, Xuan-Vu Phan and Nam-Phong Nguyen,</i> VRAE: Vertical Residual Autoencoder for License Plate Denoising and Deblurring	<i>Hong Nguyen Thi, Viet Anh Nguyen and Kien Do Trung,</i> Improve the Effectiveness of Predicting Student Learning Outcomes using a MoE Networks with LSTM Routing
	<i>Ngoc-Bich Nguyen Thi, Tam Vo Minh, Phuong Thao Nguyen Ho, Khoa Nguyen and Vinh-Tiep Nguyen,</i> Evaluating Syllabus via Sub-Criteria: A Comparative Study of LLM and Experts	<i>Thi-Huong Nguyen, Anh-Loi Nguyen, Doan-Tung Duong and Van-Toi Nguyen,</i> A multimodal framework for Vietnamese Sign Language Recognition	<i>Phuong Thao Vu, Thi Hanh Nguyen, Hai Long Nguyen and Hai Chau Le,</i> A Hybrid Quantum-Classical Machine Learning Framework for Robust Sepsis Detection Utilizing Immune Gene Signatures	<i>Thi-Thuy-Duong Trinh, Ngoc-Hai Truong, Trong-Huy Nguyen and Thanh-Huong Le,</i> Contrastive Preference Optimization for Low-Resource Vietnamese to Khmer Neural Machine Translation
15:30 - 18:00	SOICT Poster Session 5 AI Applications Chair: Nguyen Linh Trung	SOICT Poster Session 6 AI Applications Chair: Than Quang Khoat	SOICT Poster Session 7 AI Applications Chair: Nguyen Linh Trung	SOICT Poster Session 8 AI Applications Chair: Le Van Hau
	<i>Dang Lê,</i> VisionCare: Compute-Aware Hybrid CNN-Transformer Heads for Multi-Disease Retinal Diagnosis with Explainable AI	<i>Cao Doanh Bui, Hoai Luan Pham, Vu Trung Duong Le, K. Mai Nguyen and Yasuhiko Nakashima,</i> Merging-based Federated Learning for Lifelong Whole Slide Image Analysis with Vision-Language Models	<i>Hien Do Hoang, Phan Ba Cuong, Pham Do Thanh, Hien Do Thi Thu, Nguyen Tan Cam and Van-Hau Pham,</i> Toward Adaptive Web Application Honey pots: Fine-Tuned Large Language Models for Realistic Response Emulation	<i>Quang Dũng Nguyễn, Đức Dũng Nguyễn, Hữu Trí Dũng Võ and Thanh Hương Lê,</i> ViLexCPO: A Multi-Task and Preference-Aligned Framework for Legal Question Answering
	<i>Truc Thi-Thanh Le, Mai Thi-Ngoc Vu and Luan Thanh Nguyen,</i> An In-Depth Investigation into Vietnamese LexicalText Normalization on Social Media	<i>Du Doan and Khanh-Duy Nguyen,</i> Domain-Incremental Learning for UAV Traffic Video Anomaly Detection	<i>Hieu Pham, Trung Pham, Vi Nguyen, Long Nguyen, Truong Tran, Duc Nguyen, Tuong Nguyen, Long Nguyen, Huong Ha and Tho Quan,</i> GAFB-MKL: Adaptive Filter Banks via Genetic Algorithm and Sparse Multiple Kernel Learning for EEG-based Motor Imagery Classification	<i>Ngoc-Bich Nguyen Thi, Tam Vo Minh, Bich Van Nguyen, Khoa Nguyen and Vinh-Tiep Nguyen,</i> MSA: Breaking Down MOET Criteria into Sub-Criteria for Education
	<i>Ha Nguyen, Phuc Le, Dang Do, Cuong Nguyen and Chung Mai,</i> A Method for Building QA Corpora for Low-Resource Languages	<i>Ly-Huynh Phan, Chi Minh Hieu Nguyen, Dinh-Dat Nguyen, Quang-Dung Dang and Truong-Giang Nguyen,</i> A Dual-Path approach for Time Series Anomaly Detection in Building Environmental Sensors	<i>Huong Dinh, Anh Phan, Truong Vu, Ngoc Vi and Anh Tran,</i> Linguistic and Semantic Graph-based Neural Networks for Hate Speech Detection	<i>Ngoc Minh Nguyen Thi, Thanh Van Tran Thi, Nang Dieu Dao and Diep Thi Hoang,</i> XGPhy: A Machine Learning Framework for Predicting Optimization Difficulty in Maximum Likelihood Phylogenetic Inference
	<i>Tram Doan Thi, Vy Vu Ngoc Thao, Thanh Le Tuan Minh, Lam Nguyen Lai Phuong Ngoc, Hoang Nguyen Tran Le and Binh Nguyen Thanh,</i> MedPRS: Scientific Paper Submission Recommendation System for Medical Research	<i>Yuri Seo, Hyeon-Ki Jo and Eui-Nam Huh,</i> FLoRA-KD: Efficient Communication in Federated Learning for Multi-Organ Segmentation through LoRA Knowledge Distillation	<i>Lu Le Phuc, Trung Duong Chi, Vinh Do Le, Thanh Tran Tan, Khang Nguyen Phu Bao, Doan Vo Nam Thuc and Hai Nguyen Son,</i> A deep learning model for drug-target interactions prediction in drug discovery	<i>Linh Nguyen, Lan Phan and Hiep Huynh,</i> Enhancing User-Based Context-Aware Collaborative Filtering Using Energy Distance with Post-Filtering Contextual Features
	<i>Khanh Linh Tran, Minh Nguyen Dang, Hung Nguyen Quoc, Thien Nguyen Trong and Linh Nguyen Kieu,</i> Enhancing YOLOv11n for Reliable Child Detection in Noisy Surveillance Footage	<i>Do Minh Duc, Quan Xuan Truong, Nguyen Tat Dat and Nguyen Van Vinh,</i> Auto-Prompting with Retrieval Guidance for Frame Detection in Logistics	<i>Seung-Woo Jeong, Hacksung Boo, Hoang-Hai Tran and Eui-Nam Huh,</i> Optimization of Resource Allocation Using SLA Violation Penalty and Workload Prediction in Cloud Datacenters	<i>Dat Tran, Nguyen Anh Le and Hoai Nam Vu,</i> TI-FS: Text and Images Mutual Support for Improving Few-Shot Learning in Cross-Device Image Recapture Detection
	<i>Dang Thi Thu Ha, Nguyen Dinh Van and Nguyen Duc Hoa,</i> Accurate Mixed-Gas Concentration Prediction in Electronic Nose Using Image-Guided Autoencoder-TCN Hybrid Model	<i>Dac Trung Huy Nguyen, Thi Xuan Ly Nguyen and Dinh Ngoc Tram Pham,</i> Factors Influencing the Actual Use of AI-Enabled Chatbots in Digital Wallets for Personal Financial Management Among Vietnamese Online Users	<i>Minh Lu, An Trinh, Vinh Nguyen, Nhan Nguyen, Minh Nguyen, Duc Bui and Quang Tran,</i> Lightweight Multi-Trait IELTS Essay Scoring with Prompt- and Topic-Awareness	<i>Pham Cong Tu, Nguyen Quang Vinh, Tran Thuan Hoang and Pham Thi Phuong Hoa,</i> Finite-time error control combining neural networks in noisy environments and mobile targets
	SOICT Poster Session 9 AI Foundations and Big Data Chair: Nguyen Linh Trung	SOICT Poster Session 10 Applied Operations Research and Optimization Chair: Than Quang Khoat	SOICT Poster Session 11 Generative AI Chair: Nguyen Linh Trung	SOICT Poster Session 12 Human Computer Interaction and Intelligent Interactive Systems Chair: Le Van Hau
	<i>Tan Khang Huynh, Ha Dung Nguyen and Thanh Binh Nguyen,</i> ViConBERT: Context-Gloss Aligned Vietnamese Word Embedding for Polysemous and Sense-Aware Representations	<i>Tung Giang Le, Hoang Viet Vu, Xuan Tung Nguyen, Van Chien Trinh and Won-Joo Hwang,</i> Vehicle routing problems via Quantum Graph Attention Network Deep Reinforcement Learning	<i>Vu Liem Phan, Tu Minh Ho, Duc Dang Bui, Tien An Nguyen and Phuong Thai Nguyen,</i> Comprehensive Assessment of SLM Performance on Vietnamese High School History Tasks	<i>Lam Nguyen Thi Khanh, Tram Nguyen Thi Ngoc, Thao Tran Duy, Khiet Nguyen Van and Huy Nguyen Duc,</i> R2E - Requirements-to-Execution System
	<i>Man Nguyen, Thu Nguyen, Khoa Tan Vo, Phuc Nguyen and Tu-Anh Nguyen-Hoang,</i> LoDiBi: Automated Course Quality Evaluation Framework with LOQCA, DeepIFSA, and BiLSTM	<i>Thao Do Thi Phuong, Cuong Van Duc, Tung Doan Duy and Hanh Nguyen Thi,</i> TaP-GA: A Novel Genetic Algorithm for Target-Prioritized, Orientation-Constrained, and Adaptive Coverage Optimization in Wireless Multimedia Sensor Networks	<i>Chien Vu Manh, Bao Anh Tran, Phuong Ngo Viet, Luan Le Chi, Anh Nguyen Quang, Long Nguyen and Anh Nguyen Duc,</i> An Empirical Study of Multi-Agent RAG for Real-World University Admissions Counseling	<i>Mac Thi Quynh Nhu, Nguyen The Hung, Nguyen Le Minh and Bui Thi Lam,</i> P-PQGC: A Proposed Post Quantization Gain Control for Offline and Streaming Whisper under Different Speaker-to-Microphone Distances

	<p><i>Thi Ha Dinh, Thi Lich Nghiem and Ngoc Hoa Nguyen,</i> Exploring Consumer Behavior in Clean Food Consumption using Positive-Negative Association Rule Mining: A case study in Vietnam</p>	<p><i>Hue Nguyen, Tan Tran, Giang Nguyen and Canh Pham,</i> Fast Stochastic Greedy Algorithm for k-Submodular Cover Problem</p>	<p><i>Hai Nguyen, Binh Mai, Hieu Dao, Hanh Hoang and Cong Tran,</i> Synthesizing Cultural Heritage: An End-to-End System for Designing Jewelry with Vietnamese Hue Imperial Motifs</p>	<p><i>Ngoc-Tri Nguyen-Dinh, Truong-Tho Le and Khanh-Duy Le,</i> A No-Code Solution for Creating AR Indoor Navigation Applications</p>
	<p><i>Phong Huy Nguyen, Xuan Phuc Nguyen and Ngoc Hoang Luong,</i> Optimization of Kolmogorov-Arnold Networks for Reinforcement Learning via NeuroEvolution of Augmenting Topologies</p>	<p><i>Van Minh An and Trung Kien Do,</i> A Mathematical Model and Exact Column Generation Approach for RMSA Problem in Elastic Optical Networks</p>	<p><i>Thang Ta,</i> Self-training from Self-memory in Data-to-text Generation</p>	<p><i>Thai Nguyen, Trang Nguyen and Thanh Vi,</i> Fast and Lightweight CNN Model for EEG Person Identification on Constrained Hardware</p>
	<p><i>The Nguyen Huu, Minh Thu Vu Thi, Hai Anh Le Thi and Tien Nguyen Huu,</i> Towards Regional AQI Mapping in Northern Vietnam: Multi-Source Data Fusion and Ensemble Learning</p>	<p><i>Pham Dinh Thanh,</i> An Improved Initialization-based Evolutionary Algorithm for the Top k 2-Clubs Problem</p>	<p><i>Phat Tran and Long Nguyen,</i> Vietnamese-guided Post-OCR Processing for Historical Nom Scripts</p>	<p><i>Dinh-Thuan Duong-Le, Duy-Nam Ly, My-Le Duong Thi, Khanh-Duy Le and Minh Phuong Pham,</i> SolARG: A Collaborative Tangible Augmented Reality Game for Learning Gravity and Solar System Planets</p>
	<p><i>Thai Minh Do and Cam-Van Thi Nguyen</i> Balanced Multimodal Training through Unified Forward-Backward Modulation Strategy</p>	<p><i>Quan Nguyen Dang, Thao Nguyen Thi Phuong and Diep Hoang Thi,</i> Evaluating Phylogenetic and Ancestral Recombination Graph Approaches for Analyzing RNA Virus Recombination: A Case Study of SARS-CoV-2 in Vietnam</p>	<p><i>Phuong Nam Nguyen, Gia Phuc Nguyen, Tung Le and Huy Tien Nguyen,</i> Self Check Hybrid: A Hybrid Framework for Hallucination Detection in Vietnamese Large Language Models</p>	<p><i>Duy-Nam Ly, Minh-Triet Tran and Khanh-Duy Le,</i> CAMIrronment: Supporting Environmental Design Prototyping With Generative AI and Context-Aware Multimodal Interaction</p>
DAY 2 (Saturday, 13 December 2025)				
08:00 - 17:40	Registration			
08:30 - 09:10	Keynote III: Josiah Poon (University of Sydney, Australia) Designing Multimodal Driven NLP for a Fluid World Venue: Ballroom			
09:10 - 09:50	Keynote IV: Tung Kum Hoe Anthony (National University of Singapore, Singapore) □ Being Small in the Era of Large Models: Enabling Prudent AI with Lightweight, Just-in-Time AI Boxes Venue: Ballroom			
09:50 - 12:00	SOICT Poster Session 13 Lifelog Event Retrieval Chair: Ide Ichiro	SOICT Poster Session 14 Lifelog Event Retrieval Chair: Vu Van Khu	SOICT Poster Session 15 Lifelog Event Retrieval Chair: Ide Ichiro	SOICT Poster Session 16 Lifelog Event Retrieval Chair: Le Duy Dung
	<p><i>Danh Lau Thanh, Thien Tran Duc, Bao Bui Duy, Le Vu Nguyen Dinh, Tien Le Nam and Tinh Anh Nguyen Nhu,</i> Integrated Semantic and Temporal Alignment for Interactive Video Retrieval</p>	<p><i>Hoang Vu Do, Quoc Dat Do, Truong Duy Nguyen, Le Hai Binh Tran, Xuan Tri Pham, Ham Duong Tran and Cam-Hao Hua,</i> TARS: Temporal Alignment Retrieval System for Efficient Multi-Segment Video Event Retrieval</p>	<p><i>Lan Tuan Vo, Le Ngoc Thinh Vo, Hong Phuc Nguyen, Phuong Duy Do and Huu Dang Nguyen Nguyen,</i> FrameSeeker: Shot-Level Captioning with Multimodal Hints for Efficient Video Retrieval</p>	<p><i>Dong Quan Ngo Nguyen, Nhat Bao Vo, Phuc Nguyen Pham, Gia Huy Vo Le and Thien Bao Ha Van,</i> ATLAS: Adaptive Temporal Low-rank Alignment System for AI Challenge 2025</p>
	<p><i>Vi Chau The, Luan Nguyen The, Nghi Tran Gia, Minh Mai Nguyen Phuc, Quyen Nguyen Huu, Son Ngo Duc Hoang and Duy Phan The,</i> HelioSearch: A Multimodal Video Retrieval Framework with LLM-Driven Query Expansion and Hybrid Filtering</p>	<p><i>Thinh-Phat Vo, Dang-Khoa Mai, Nguyen-Khang Ly, Quang-Thang Duong and Quoc-Thang Nguyen,</i> KPT: Enhancing Temporal Event Retrieval in Vietnamese News Videos</p>	<p><i>Kim Nguyen, Quan Nguyen Hung, Dat Phan Thanh, Tien Huynh Viet, Hoang Tran Van, Minh Vo, Tien Do and Thanh Duc Ngo,</i> Adaptive Agent-Guided Dynamic Programming for Temporal Optimization in Multi-Event Video Retrieval</p>	<p><i>Anh Tai Pham Nguyen, Tung Duong Le Duc, Anh Duy Le and Trung Hieu Truong Le,</i> MERVIN: A Unified Framework for Multimodal Event Retrieval in Vietnamese News Videos</p>
	<p><i>Van-Thinh Vo, Minh-Khoi Nguyen, Minh-Huy Tran, Anh-Quan Nguyen-Tran, Duy-Tan Nguyen, Khanh-Loi Nguyen and Anh-Minh Phan,</i> Enhanced Multimodal Video Retrieval System: Integrating Query Expansion and Cross-modal Temporal Event Retrieval</p>	<p><i>Nga Nguyen, Dat Tien Nguyen and Huy M. Le,</i> TEMPO: A Multimodal Video Retrieval System with Sequential Query Support</p>	<p><i>Nguyen-Phuc Mac, Lam-Phuc Nguyen-Le, Van-Kinh Nguyen, Gia-Bao To and Van-Tai Phan,</i> GalaxyAssistant: An Intelligent Assistant for Multimedia Event Retrieval</p>	<p><i>Thuong Phuc Nguyen, Thanh Hung Nguyen, Thanh Dang Phan, Thanh Vinh Nguyen and Thang Cap,</i> Aligning Time and Semantics (ATS): A System for Temporal Retrieval and Alignment of Key Events</p>
	<p><i>Huu-Tuan Nguyen, Dien X. Tran, Minh-Thinh Vo, Thanh-Nhan Nguyen, Thanh-Long Nguyen Thai and Phuc-Lu Le,</i> VidAlign: Integrating Multi-Event Alignment and LLM Co-Searching for Video Retrieval</p>	<p><i>Nhat-Trung Nguyen-Tran, Thai Bao Huynh, Hai-Dang Pham, Hieu Thien Vu, Y-Nhi Duong-Thai and Thang Cap,</i> FRED: Unified Multimodal Fusion and Dynamic Temporal Reasoning with Semantic Query Expansion and Exclusionary Search</p>	<p><i>Duc-Thang Nguyen,</i> Text-Guided Filtering to Enhance Open-Vocabulary Object Detection for Sport Event Retrieval</p>	<p><i>Nguyễn Văn Minh, Phan Nhật Tân, Nguyễn Văn Hồng Thái, Hoàng Đức Dũng and Nguyễn Đình Thiên Quang,</i> Unlocking Arbitrary-Length Querying for Video Retrieval via Advanced Vision-Language Models and Hybrid Temporal Search</p>
	<p><i>Nam Khanh Tran, Le Dac Phu Phan, Minh Loi Duong, Ngoc Thien An Nguyen and Truong Thinh Nguyen,</i> PerceptionBrowser: Enhancing information retrieval system with spatial-temporal knowledge</p>	<p><i>Kiet Pham Gia, An Le Kha, Vinh Nguyen Quoc, Nhi Nguyen Truong Cong, Khanh Dinh Quoc, Binh Tran Le Hai, Tri Pham Xuan, Duong Tran Ham and Hao Hua Cam,</i> A Video Retrieval System with Advanced Temporal Algorithm and Vision Language Models Integration</p>	<p><i>Phu Truong Thien, Huy Gia Ngo, Tan Nhat Nguyen, Thuy T. N. Nguyen, Dat Tien Nguyen and Huy M. Le,</i> Fusurge: An Accelerated Query-Driven System for Multimodal Information Retrieval</p>	<p><i>An Nguyen Tran Khuong, Hieu Vu Minh, Nguyen Le Binh, Hieu Huynh Minh and Dai Phan Trong,</i> Tournament-Inspired Elimination Reranking for Multi-Modal Video Retrieval</p>
	SOICT Poster Session 17 Lifelog Event Retrieval, Multimedia Processing Chair: Ho Tu Bao	SOICT Poster Session 18 Multimedia Processing Chair: Nguyen Van Duy	SOICT Poster Session 19 Multimedia Processing Chair: Ho Tu Bao	SOICT Poster Session 20 Multimedia Processing Chair: Le Duy Dung
	<p><i>Huy-Giap Bui, Minh-Huy Trinh, Canh-Toan Le, Quoc-Lam Vu and Duy-Hung Do Hoang ,</i> Multi-modal and Temporally-aware Video Retrieval</p>	<p><i>Saikiran Korla, Sadwik Gummadavelli, Trung-Nghia Le, and Tam V. Nguyen,</i> Research Paper Quality Recognition Through Textual Feature Analysis</p>	<p><i>Duy-Dat Tran and Trung-Nghia Le,</i> Edit3DGS: Unified Framework for Dynamic Head Editing via 2D Instruction-Guided Diffusion and 3D Gaussian Splatting</p>	<p><i>Thi Thu Hien Trinh and Trung-Nghia Le,</i> CIAN: Multi-Stage Framework for Event-Enriched Image Captioning via Retrieval-Augmented Generation</p>
	<p><i>Kha Nguyen Hieu, Dat Le Phat, Phat Nguyen Duc, Long Pham Hoang, Anh Nguyen The, Binh Tran Le Hai, Tri Pham Xuan, Duong Tran Ham and Hao Hua Cam,</i> Cross Segment Coherence Scorer: A Training Free Temporal Framework for Multimodal Video Retrieval</p>	<p><i>Minh Duc Nguyen, Thi Tam Ngo, Duc-Anh Nguyen, Oky Dicky Ardiansyah Prima and Ngoc Hoa Nguyen,</i> Efficient Probabilistic Cross-Modal Retrieval via Top-k Selection and Fast Embedding Learning</p>	<p><i>Tien Le Thanh, Huu-Tri Luu, Trong-Nguyen Ha, An Nguyen-Huu and Quang Dung-Cam,</i> VNProductKIE: A Dataset and Three-Stage Pipeline for Key Product Information Recognition on Vietnamese Packaging Labels</p>	<p><i>Luong Ho, Hao Do, Duc Chau and Minh Nguyen,</i> Improving Code-Switching Speech Synthesis via Concatenated Tokenizers</p>
	<p><i>Quan Ho Minh, Duong Tran Anh, Hanh Nguyen Thi My, Khoa Vo Dang, Van Thai Hung, Duy-Dinh Le and Thanh Duc Ngo ,</i> Poly-Temporal Seach: Bridging Composed and Temporal Queries for Multimodal Video Retrieval</p>	<p><i>Van-Bang Tran and Thi Lan Le,</i> Text-Based Person Search in Low-Resource Scenarios</p>	<p><i>Thai-Viet Dang, Ngoc-Viet-Hoang Tran, Nhu-Nghia Bui, Xuan Tan Phan and Ngoc-Tam Bui,</i> MMCS: Multimodal Mamba Channel Switching for Object Detection via RGB-IR Fusion</p>	<p><i>Phat Nguyen Cuong and Khang Nguyen Tan Tran Minh,</i> Impact of Foggy Weather on Anomaly Detection in Aerial Traffic Surveillance Videos: An In-Depth Analysis</p>

15:30 - 17:20	<i>Hieu Cao, Khang Tran, Thinh Pham, Nghiem Diep and Binh Nguyen,</i> LGCA: Enhancing Semantic Representation via Progressive Expansion	<i>Hoàng Bách Nguyễn Phan, Minh Nghĩa Lê, and An Trần Đức,</i> GigaCount: Enhancing Crowd Counting by Integrating a Multi-Scale Feature Fusion Model into CLIP-EBC	<i>Nhat-Huy Ho and Minh-Triet Tran,</i> Balancing Quality, Speed, and Compactness of 3D Gaussian Splatting	<i>Toan-Thinh Truong, Hai-Yen Vong, Thanh-Ha Ung-Dung, Minh-Triet Tran and Anh-Duc Duong,</i> Lightweight digital signature algorithms based on linear public-key
	<i>Quoc-Duy Tran, Anh-Tuan Vo, and Trung-Nghia Le,</i> Visual Retrieval-Augmented Generation for Silhouette-Guided Animal Art	<i>Nguyen Minh Kien, Ma Thi Chau, Vu Thanh Long, Nguyen Tien Phuc, Hoang Quoc Viet and Dinh Quang Trung,</i> Integrating Motion-based Technique and Deep Learning for Expression Analysis in Vietnamese Traditional Chèo	<i>Duc-Tuan Luu, Gia-Nghia Tran, Khoa Nguyen and Vinh-Tiep Nguyen,</i> OTGen-FSIS: Optimal Transport-Driven Feature Generation for Few-Shot Instance Segmentation	<i>Nguyen Hoang Cao, Hoang Bui Le, Nam Vo Hoang and Trung-Nghia Le,</i> Exploring Multi-Modal Large Language Models and Two-Stage Fine-Tuning for Fashion Image Retrieval
	<i>Cuong Van Duc, Tam Ta Dinh, Chinh Tran Duc and Hanh Nguyen Thi,</i> FLUID: Flow-Latent Unified Integration via Token Distillation for Expert Specialization in Multimodal Learning	<i>Thanh-Hai Nguyen, Thinh-Phuc Nguyen, Gia-Huy Dinh, Lam-Huy Nguyen, and Trung-Nghia Le,</i> VisionGuard: Synergistic Framework for Helmet Violation Detection	<i>Quynh-Trang Pham Thi,</i> DAKTA: Directional Kolmogorov-Arnold Classifier for Task Arithmetic in Continual Learning	<i>Thi-Huong Nguyen and Van-Toi Nguyen,</i> A RGB-D Dataset of Isolated Vietnamese Sign Language
	SOICT Poster Session 21 Multimedia Processing Chair: Ho Tu Bao	SOICT Poster Session 22 Communication Technologies, Quantum Information Chair: Nguyen Van Duy	SOICT Poster Session 23 Recent Advances in Cyber Security Chair: Ho Tu Bao	SOICT Poster Session 24 Software Engineering Chair: Le Duy Dung
	<i>Bach Nguyen Hoang, Tung Pham Quang, Huy Nguyen Sinh, Thanh Nguyen Chi and Hai Vu,</i> Anatomy-based Brain Hemorrhage Segmentation and Application in Assessment of Traumatic Brain Injury Severity	<i>Thi Quynh Mai Banh, Trong Dung Bui, Van Chien Trinh and Thi Hanh Nguyen,</i> Optimizing UAV Swarm Routing with Optical Communication Systems	<i>Hai Nam Nguyen, Truong Son Pham, Viet Anh Phan, Huu Noi Nguyen and Van Loi Cao,</i> GENLog: Enhance Generalization to Log-based Anomaly Detection	<i>Le Van-Vinh, Nguyen Nhat-Hoang, Nguyen Duc-Quyen and Dang Duc-Hanh,</i> A Method for Composing Concerns into a Unified Domain Model in Domain-Driven Design
	<i>Amira Yousif, Kunal Agrawal, Ba-Thinh Tran-Le, Vatsa Patel, and Tam V. Nguyen,</i> House Price Prediction via Attribute, Visual, and Economic Features	<i>Khanh-Linh Dinh, Long-Giang Nguyen, Thi-Bac Do, A. A. Kostina, A. A. Moldovyan and D. N. Moldovyan,</i> Practical multivariate algebraic signature scheme with one hidden group	<i>Guillaume Guérard and Soufian Ben Amor,</i> Architecting Trustworthy AI: The Cyber-Resilient AI (CRAI) Framework	<i>Marcus Jeremy Cariño, Iverson David, Brylle Renzy Diminsil, Kate Louise Naguit and Adriane Brent Castro, JuanQueue: A Digital Appointment and Queuing System for a Government Organization</i>
	<i>Kasturi Jamale, Kunal Agrawal, Ba-Thinh Tran-Le, Jayanth Merakanapalli, Soham Chousalkar, Vatsa Patel, Trung-Nghia Le and Tam V. Nguyen,</i> AEye: Avian Monitoring from Streaming Videos	<i>Duc Do Minh, Anh Tran Le Duc, Dung Hoang Viet, Ngoc Tuyen Le and Tran Quang Duc,</i> QuantaMind: A Robust and Efficient Framework for Quantum Machine Learning Applications	<i>Thang Phung Duc and Dai Tho Nguyen,</i> Adaptive Federated Learning for Software Vulnerability Detection	<i>Nhan Vu,</i> Smart Mobility through Hybrid Offline-Online Scheduling for Ridesharing
18:30 - 21:30	GALA DINNER (Lakshmi hall 1 - Champa Island Nha Trang - Resort Hotel & Spa)			