AICompS 2025

The International Conference on Artificial Intelligence Computing and Systems



November 26 - 28, 2025 Fukuoka, Japan & Hybrid

Program ID: 2025112301

Date			rograi		Nov 23, 2025
	Time	Room A (Track A)	Session Chair	Room B (Track B)	Session Chair
Nov 26	13:00-15:00	Pre	paring / Registra	ntion	
	15:00-18:30	8:30 Opening Remarks (greeting from the president of KIPS, etc.), Poster Session and Reception			
		15:00–16:00: Poster Stage Presentation (3 min. each) Po-01 Security-Native Context Awareness Based Zero Trust Architecture for Digital Identity Po-02 A Three-Layer Network Content Protection Architecture based on LLM Technologies Po-03 From Fatigue to Action: Revisiting Al-Driven SIEM for Effective Incident Response Po-04 Al Security Portal Facilitating Knowledge Consolidation to Promote Al Security Po-05 CTI Technique Extraction Aligned to MITRE ATT&CK via Ensemble LLMs Po-06 A Deployable, End-to-End Framework for Explainable and Federated Phishing Detec Resource Languages Po-07 ME-XHRI: Malware Evasion using Explainable Hierarchical Reinforcement Learning Po-08 Quantum Al-Driven Anomaly Detection for 6G Network Security Po-09 Signal Fingerprinting Method Based on Emphasized Spectrum Data for Bluetooth Lo Po-10 A Two-Stage Legal Document Automation System Combining Template Mapping and processing Po-11 Deposit Go: A Conversational Al for Legal Document Generation using LangChain ar Po-12 Comparison of LLMs: Evaluating Their Abilities of Identifying the Source of Informati	w Energy d LLM-based Post- nd LangGraph	Po-13 Al and Machine Learning Approaches for Early Stroke Detection via Facial and Speech Analysis Po-14 Strain Estimation in Real Tensile Experiments Using Self-Supervised Learning-Based Digital Image Correlation (DIC) Po-15 CAPTION-GUIDED REFINEMENT OF IMAGE REGIONS VIA MASKED GAN TRAINING Po-16 Enhancing Time-Series Predictions through Social Feature Integration: An Empirical Study with RNN and Encoder-Decoder Models Po-17 Unified Fuzzy Framework for Feature Selection and Channel-wise Rule-based Classification in Deep-Fuzzy Hybrid Models Po-18 Advanced Pioneer Algorithm: Inheritance-Based Pioneer-Inspired Optimization Algorithm Po-19 PLC Meets RISC-V: A Trusted Execution Environment Framework for Secure Automation with Multi-Enclave Capability Po-20 FoTo: Targeted Visual Topic Modeling for Focused Analysis of Short Texts Po-21 Hybrid GCN-GRU Model for Anomaly Detection in Cryptocurrency Transactions	Kouichi Sakurai (Kyushu Univ.) Chansu Han (NICT)
Nov 27	10:00-11:20	16:3018:30: Presentation in front of the posters & Reception	1		
NOV 27	10.00-11.20	S1. LLM Evaluation & Reliability Pr-01 Not Just Accuracy: Consistency and Reliability as Core Factors in LLM Evaluation Pr-03 MiniSketch-VQA: A Benchmark for Evaluating LLM-as-a-Judge in Sketch-based Visual Question Answering Pr-05 The Dual-Edged Sword of Instruction Tuning: An Empirical Study on Precision Gains and Catastrophic Failures Ps-01 Evaluating Emoji Sequence Generation in Small Language Models	Jihie Kim (Dongguk Univ.)	S2. Prompt Safety & Grounding Pr-02 Vague2Detect: Handling Ambiguous Prompts in Knowledge-Based Open-World Detection Pr-04 PRISM: Prompt Risk Scoring via Interpretable Semantic Mapping for NSFW Defense Pr-06 Strong Detection, Short Text: A Four-Class Framework for Human-Al Authorship Ps-02 Empowering LLM-based Malware Analysis with Synthetic Code	Tao Ban (NICT) Taekyoung Kwon (SNU)
F	11:30-13:00		Lun	ch	
	13:00~13:50	"Hyperscale Bug Finding and Fixing: DAPRA AlxCC and Team Atlanta" Taesoo Kim, Professor, Georgia Tech Team Atlanta placed 1st in the DARPA Al Cyber Challenge (AlxCC), earning a \$4M grand prize in the final round. In this talk, I will introduce the DARPA AlxCC competition and share our technical approaches that led to victory— specifically, how we augmented large language models (LLMs) with traditional software analysis techniques to automatically discover and repair security vulnerabilities in real-world, large-scale open-source projects.			
-	13:50~14:10 14:10–15:10		Coffee		
		S3. Privacy in Federated / On-Device ML Pr-07 Mitigating Label Inference Attacks in Vertical Federated Split Learning through Training Control and Gradient Disturbance Pr-09 Data Reconstruction Attacks against Privacy Preserving Vertical Federated Learning Pr-11 ARS-FL-IDS: Accountable Anonymous Federated Learning Against Malicious Behavior	Akira Otsuka (IISEC), Tao Ban (NICT)	S4. Crypto, FHE & Secure Computation Pr-08 An Intra-ciphertext Optimization for Efficient Multi-device Bootstrapping for HE- DNNs Pr-10 Efficient Evaluation of Indicator Function with Fully Homomorphic Encryption forPrivacy-Preserving Embedding Ps-03 Efficient Batch Verifications for KZG Commitments	Yang Li (UEC)
-	15:10~15:40 15:40–17:00	CE As-dis-LO As-dis-s-d-LAI	Coffee		
	13.10 17.00	S5. Medical & Multimodal AI Pr-12 Advancing Prehypertension Screening with Explainable AI and Generative Augmentation Pr-14 Multimodal Pain Intensity Assessment from Physiological Signals: Window Segmentation with Cross-Attention and Temporal Modelling Pr-15 Multi-Resolution Speckle Priors for Scale-Aware Digital Image Correlation	Jonghyun Choi (SNU)	S6. Blockchain Systems & Data Infrastructure Pr-13 Mitigating Data Poisoning Attack in On-Device Learning Anomaly Detectors via Peer Consensus Ps-04 Blockchain-Based Smart Contract Revocable Bidding Scheme for European Union Emissions Trading Scheme	Akira Otsuka (IISEC)
		Pr-16 Enhanced Carbon Emission Prediction in IoT using Optimized Rotation-Invariant Coordinate Convolutional Neural Network for Accurate Urban Environmental Monitoring		Ps-05 Performance Bottleneck Analysis and Technical Debt in a Non-Standard Hyperledger Fabric CLI Gateway Architecture Ps-06 Blockchain-Assisted Resource Scheduling for SB-SPS in VZX Networks Ps-07 Service-aware Resource Management in Cloud computing for HPC workload	
-	18:00-21:00	Pr-16 Enhanced Carbon Emission Prediction in IoT using Optimized Rotation-Invariant Coordinate Convolutional Neural Network for Accurate Urban Environmental	Banquet @	Fabric CLI Gateway Architecture Ps-06 Blockchain-Assisted Resource Scheduling for SB-SPS in V2X Networks Ps-07 Service-aware Resource Management in Cloud computing for HPC workload	
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