Parallel Session #1 (22 October 2025, 13.00~15.00 UTC+7:00)				
Meeting Room A: Online				
Session Chair: Dr. Eka Budiarto				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	1090	RAG-Fusion Based Framework for Indonesian Hoax News Detection	Fadhil Dzaky Muhammad, Sy. Yuliani Yakub, Marlinda Vasty Overbeek and Fenina Adline Twince Tobing	Fadhil Dzaky Muhammad
2	1131	Assessing The Generalization Capacity of Machine Learning Classifiers Against Resilient DGA Families	Rodi Fadhelar R, Yudhistira Nugraha and Muhamad Erza Aminanto	Rodi Fadhelar R
3	1267	Comparative Analysis of CNN and BERT for English Fake News Detection Across Short and Long Texts	Jessica Setiawan Tjoe, Alexander Agung Santoso Gunawan and Rilo Chandra Pradana	Jessica Setiawan Tjoe
4	1305	Audio Deepfake Detection: Leveraging Deep Learning for Automatic Speaker Verification and Spoofing Prevention	Ferry Irwanto, Muhammad Farrell Hafizh Sasongko, Simen Ferdinand Djamhari and Alexander Agung Santoso Gunawan	Ferry Irwanto
5	2253	Analyzing the Implementation Gaps in ISO/IEC 27001:2022 Controls: Insights from PDPC Singapore's Cybersecurity Breaches	Jeremy Leonard Naramuda, Nathaniel Gillbert Sjaibani, Gary Wiliam Kurniadi and Diana Diana	Jeremy Leonard Naramuda
6	2616	Constructing and Analyzing Indonesian Privacy Policies: A Dataset for Privacy Research	Guntur Budi Herwanto, Kabul Kurniawan, Uha Isnaini, Bambang Nurcahyo Prastowo, Eka Putri and Sukma Hadi Wijaya	Guntur Budi Herwanto
7	4442	Machine Learning for DDoS Attack Detection in SDN: A Systematic Literature Review	Tirtadi Muchtar and Kusprasapta Mutijarsa	Tirtadi Muchtar
8	4692	Hybrid Sequential Pattern Mining and Naive Bayes for Hoax Detection Using Indonesia's News Outlet Dataset	Mohammad Alfarizky Ramadhani Oscandar and Sy Yuliani	Mohammad Alfarizky Ramadhani Oscandar
9	1269	Deep Learning Application and Comparison of ResNet50 and DenseNet121 Models for Corn Leaf Disease Detection	Ilham Ananda Binta Toroshi, Alfonsus Nathanael, Yehezkiel Kenneth Hosea, Ayu Maulina and Muhammad Fikri Hasani	Ilham Ananda Binta Toroshi
Meeting Room B: Offline				
Session Chair: Dr. Prasetyo Adi Wibowo Putro				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	1885	Optimizing Random Forest with Genetic Algorithm for Malware Detection Using PE Header Features	Agung Setiaji and Elisa Bahara Soritua	Agung Setiaji
2	2233	SiagaJakarta: An Agentic GeoAI Framework for Autonomous Geospatial Analysis of Emergency Services	Zakiul Jailani, Raden Bambang Syumanjaya, Raka Dimas Saputra and Haris Rafi	Zakiul Jailani
3	2509	Machine Learning Models for Learning Focus Assessment: A Comparative Analysis at UNHAN RI	Nadiza Lediwara, Sembada Denrineksa Bimorogo, Aulia Khamas Heikmakhtiar, Aisyah Gusmi Putri Utami and Cheva Anggara Putra	Nadiza Lediwara
4	3541	Physical Tells Digital Threats: Supervised ML-IDS for Multimodal IoT Telemetry in Smart Buildings	Obrina Briliyant, Amir Javed, Yulia Cherdantseva and Septia Ulfa Sunaringtyas	Septia Ulfa Sunaringtyas
5	3979	Evaluating the Robustness of Mean Decrease Accuracy and Mean Decrease Gini in Random Forest Classification under Multicollinearity	Rahmi Fadhilah, Heri Kuswanto and Dedy Dwi Prastyo	Rahmi Fadhilah
6	7166	Design of RFID and SHA-256 Based Access Control System for Monitoring and Accountability in Fuel Dispensing Process	Brian Nasywa Rayhan, Siti Manayra Sabiya, Faqih Rangga Wijaya and Dion Ogi	Brian Nasywa Rayhan
7	8954	Optimized Duplicate Detection Using Smith-Waterman Algorithm with Sorted Neighborhood Method	Yusuf Lestanto and Rahma Mualifa	Yusuf Lestanto
8	9508	Implementation of Authentication Scheme to Provide User Anonymity on Telegram Chatbot-based Smart Home Environment Prototype	Ariska Allamanda, Fetty Amelia, Agus Reza Aristiadi Nurwa, Magfirawaty Magfirawaty and Arnoldus Triono	Ariska Allamanda
Meeting Room C: Offline				
Session Chair: Dr. Amiruddin				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	0115	Evaluation of Web Security and Performance in PHP Frameworks: A Case Study of CodeIgniter 4 and Yii2	M. Dja'Far Karzein Hafidz Yuntanozra, Hermawan Setiawan and I Komang Setia Buana	M. Dja'Far Karzein Hafidz

2	1936	Towards Privacy-Aware IoT Audit Framework: A Grounded Theory Approach	Handry Diansyah, Yudhistira Nugraha and Muhamad Erza Aminanto	Handry Diansyah
3	2591	Axiom Deployment of Open Redirect, Path Traversal, and SSRF Attacks to Accelerate Website Penetration Test Automation	Ryan Muhammad Azizulfiqar Kamajaya, Setiyo Cahyono, Jacob Lumbantoruan and Rheva Anindya Wijayanti	Jacob Lumbantoruan
4	3073	Enhancing IoT Vulnerability Prioritization using Real-Time EPSS and SSVC Decision Tree Modeling	Obrina Briliyant, Girinoto Girinoto, Mohamad Syahral and Rahmat Purwoko	Mohammad Syahral
5	4565	Markicek: A Telegram-Based Bot for Real-Time Detection of Malicious URLs and Files	Rakha Maulana, I Gede Maha Putra, Nurul Qomariasih, Toddy Upananda, Nathanael Berliano Novanka Putra and M. Lazaro Fa. Al-Dzaki	M. Lazaro Fa. Al-Dzaki
6	5172	Adaptation and Validation of HAIS-Q for Measuring Information Security Awareness in Indonesian Government Institutions	Muhammad Ihsanul Hakim Mokhsen and Rio Guntur Utomo	Muhammad Ihsanul Hakim Mokhsen
7	5473	SafeUSB: Implementation of Keystroke Monitoring System to Prevent BadUSB HID Injection Attack	R. M. Genggam Satoe Bintang, Arizal Arizal, Rahmat Purwoko, Mohamad Syahral, Stefanus Santori Zen, Rheva Anindya Wijayanti and I Gede Maha Putra	Rheva Anindya Wijayanti
8	5814	Exploratory Analysis of Browser Fingerprint in Online Anonymity Internet Browser, Proxy, VPN, and TOR	Jeckson Sidabutar, Bimo Setyo Husodo, Setiyo Cahyono, Amiruddin Amiruddin and Stefanus Santori Zen	Stefanus Santori Zen

Parallel Session #2 (22 October 2025, 15.30~17.00 UTC+7:00)				
Meeting Room A: Online				
Session Chair: Dr. Susila Windarta				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	4918	Enhancing Detection PostgreSQL Shell Honeypot With Interactive Query Response	Jundi Al Hafidz, Charles Lim and Kalpin Erlangga Silaen	Jundi Al Hafidz
2	5125	Understanding Trust and Usability in Encrypted Email Adoption Among Indonesian Government and Intelligence Professionals	Muhammad Mubdya Barry Sahya, Jihad Dinullah Akbar and Yudhistira Nugraha	Muhammad Mubdya Barry Sahya
3	5794	Enhancing Smart Home Cybersecurity: A Comparative Analysis of Decision Tree, Random Forest, and XGBoost for IoT Intrusion Detection – Work in Progress	Adi Wibowo, Deris Stiawan, Ahmad Heryanto, Ferry Astika Saputra, Fandi Kurniawan, Rahmat Budiarto, Adi Hermansyah, Mohd Yazid Idris and Edo Pratama	Adi Wibowo
4	5934	Bot, Tool, or Human? A Machine Learning Approach to Web Attacker Behavior Analysis	Andi Parada Tambunan, Charles Lim and Kalpin Erlangga Silaen	Charles Lim
5	7113	Integrated RTBH–RBS Model for Illegal Traffic Mitigation in Indonesia's Internet Exchange	Moh. A. Amin Soetomo, Charles Lim and Muhammad Arif	Muhammad Arif
6	7888	Trust without Transparency: An Empirical Analysis of Anonymity and Verifiability in Iron Fish Cryptocurrency	Rinoto Adi Prasojo, I Putu Bayu Pati and Yudhistira Nugraha	Rinoto Adi Prasojo
Meeting Room B: Offline				
Session Chair: Dr. Maulahikmah Galinium				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	6264	Improving Threat Intelligence in Healthcare Through a High Interaction DICOM Honeypot	Dendi Risman Saputra, Charles Lim and Kalpin Erlangga Silaen	Dendi Risman Saputra
2	6688	Beyond Static Analysis: Detecting SQL Injection via Context-Aware Code Review in Web Applications	Christopher Ralin Anggoman, Rakha Maulana, Hermawan Setiawan and Muhammad Aqil Nuur Al-Farabi	Muhammad Aqil Nuur Al-Farabi
3	6689	E-Learning Web Based Education Malware Incidents based on ENISA Cyber Exercise	Jacob Lumbantoruan, Setiyo Cahyono, Septia Ulfa Sunaringtyas, Dimas Febriyan Priambodo and Martua Raja Doli Pangaribuan	Jacob Lumbantoruan
4	6840	Benchmarking DevSecOps Pipelines: A Performance and Security Analysis of Laravel and CodeIgniter	Muhammad Faki Raihan and Hermawan Setiawan	Muhammad Faki Raihan
5	6919	Pungoe Pentest: Orchestration of Web Penetration Testing Tools with Assistance Based on Large Language Model (LLM) Pentest-AI and Retrieval Augmented	Syubbanul Siddiq, R Budiarto Hadiprakoso, Prasetyo Adi Wibowo Putro, Girinoto Girinoto and Deva Finanda Saputra	Deva Finanda Saputra
6	8692	INsAN: An AI-Based Framework Profiler for Automating OSINT	Mochammad Latief Reswandana Musonip, Agry Zharfa, Nabira Ananda, Nurul Qomariasih and I Komang Setia Buana	Mochammad Latief Reswandana Musonip
Meeting Room C: Online				
Session Chair: R. Budiarto				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	1987	Exploring Datasets and Techniques in Misinformation Detection: A Systematic Literature Review On Advancements and Challenges	Ahmad Tabrani, Arief Setyanto, Kusrini Kusrini and Ema Utami	Ahmad Tabrani
2	2044	Pulmonary Tuberculosis Classification on Chest X-Ray Images Using an Attention-Based Convolutional Neural Network (CNN) and Bayesian Hyperparameter Optimization	Santi Santi, Handa Johana, Valenia Hanna, Muhammad Andrean Syahridho, Akhmad Raihan Ramadhani Ramadhani and Kusrini Kusrini	Santi
3	2353	Enhancing the User Interface of Open-Source ERP for Educational Use in Higher Education	Hanif Al-Farizi Muhammad and Nuril Kusumawardani Soeprapto Putri	Hanif Al-Farizi Muhammad
4	2512	Leveraging Machine Learning for Early Detection of Depression Based on Social Media Behavior	Jonathan, Andien Dwi Novika and Derwin Suhartono	Andien Dwi Novika
5	2694	Classification VS Few-Shot-Learning Model for Translating Sign to Speech	Priscillia Lovemel Candra, Felicia Susanty and Alexander Agung Santoso Gunawan	Priscillia Lovemel Candra

6	2919	Advancing Rainfall Forecasting Through LSTM and ED-LSTM Approach with CHIRPS Satellite Data	Ni Luh Putu Ika Candrawengi, Md Wira Putra Dananjaya and Yadhurani Dewi Amritha	Ni Luh Putu Ika Candrawengi

Parallel Session #3 (23 October 2025, 10.45~12.15 UTC+7:00)				
Meeting Room A: Online				
Session Chair: Uha Isnaini, Ph.D.				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	0310	Schizophrenia Classification using Random Forest and XGBoost with EEG Dataset	Leander Farrell Suryadi, Febrio Dharma Wijaya and Andry Chowanda	Febrio Dharma Wijaya
2	2179	Consortium Blockchain Model to Improve Transparency of Property Investment	Inayatulloh Inayatulloh, Erlina Puspitaloka Mahadewi, Suratminingsih Suratminingsih, Nyoman Ayu Gita Gayatri, Yulyanty Chandra and Loso Julianto	Inayatulloh
3	2424	KeyBlob: A Standardized Format for Secure HSM Key Transport and Storage	Sarat Chandra Prasad Gingupalli	Sarat Chandra Prasad Gingupalli
4	3888	Graph Neural Networks for Advanced Persistent Threat Detection	Srikanta Datta Prasad Tumkur Narahari Datta and Mahima Ganapati Pushpa	Srikanta Datta Prasad Tumkur Narahari Datta
5	4893	Enhancing New Lightweight Cryptographic Algorithm using Key-based Dynamic S-Box	Khairunnisa Novitania Rahardja, Farah Afianti and Favian Dewanta	Khairunnisa Novitania Rahardja
6	5248	A Hybrid McEliece Goppa-Polar Cryptosystem to Secure Post-Quantum IoT	Moussa Diop, Papis Ndiaye, Doudou Dione and Idy Diop	Moussa Diop
7	5851	An RSA-Like Scheme over Eisenstein Integers	Abdul Hadi, Uha Isnaini, Erwin Eko Wahyudi and Indah Emilia Wijayanti	Abdul Hadi
Meeting Room B: Offline				
Session Chair: Setiyo Cahyono				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	8869	Forecasting the VMware ESXi Security Risks: A CVE-Based Vulnerability Analysis	Olga Geby Nabila and Akhmad Rizal Arifudin	Olga Geby Nabila
2	9223	Critical Sociotechnical Barriers to Cyber Crisis Management in a Critical Information Infrastructure Sector in Indonesia	Emanuel Ario Bimo and Prabaswari Prabaswari	Emanuel Ario Bimo
3	9267	Systematic Mapping of Cybersecurity Awareness Content in Digital Educational Games for Children	Ni Komang Ayu Krisnasari, Yudhistira Nugraha and Muhamad Erza Aminanto	Ni Komang Ayu
4	9629	OTX AlienVault Indicator of Compromise Implementation on MISP Threat Sharing for Network Intrusion Detection System Suricata	Dimas Wahyu Utomo, Nanang Trianto, Ira Rosianal Hikmah and Tiyas Yulita	Dimas Wahyu Utomo
5	9687	Development of News Classification Model Using Bidirectional Encoder Representations from Transformers (BERT) with Interpretability Analysis Based on Explainable Artificial Intelligence (XAI)	I Gede Maha Putra, Raden Budiarto Hadiprakoso, Rheva Anindya Wijayanti and Stefanus Santori Zen	I Gede Maha Putra
6	9958	Risk Mitigation of Security Information Through Optimization Risk Assessment Based on ISO 27005:2022 & NIST SP 800-30 Revision 1 Standards at XYZ Company	Muhammad Raiven Ramadhan Harahap and Candiwan Candiwan	Candiwan
Meeting Room C: Offline				
Session Chair: Saiful				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	5173	Granular GPU Flag Configuration for Optimising Browser-Based Federated Learning Performance	Muhammad Senoyodha Brennaf, Po Yang, Vitaveska Lanfranchi, Khairunnisa Kirana Andromeda and Anugrah Nurrewa	Muhammad Senoyodha Brennaf
2	0085	Pseudo-random Number Generation Based on Quantum Kicked Rotor Dynamics	Taukhid W. Broto, Supriadi Rustad, Ahmad Zainul Fanani, Sri Winarno and De Rosal Ignatius Moses Setiadi	Taukhid W Broto
3	0159	Cryptanalytic Evaluation of a Modified RSA Scheme Using Lenstra's Elliptic Curve Factorization and Coppersmith's LLL Attack	Muhammad Haidar Wijaya, Bety Hayat Susanti and Luthfi Hakim Panuntun	Luthfi Hakim Panuntun
4	0996	Formal Analysis of the Munilla Authentication Protocol using ProVerif	Rohiqi Maghtum Imama, Nadia Paramita Retno Adiati, Nia Yulianti and Yeni Farida	Rohiqi Maghtum Imama

5	1252	Common Modulus Attack on A New Public Key Cryptosystem Based on the Cubic Pell Curve	Dandi Agus Ferdianto and Bety Hayat Susanti	Dandi Agus Ferdianto
6	2933	A Unified Mathematical Model for Human Vocal Dynamics Integrating Energy, Entropy, and Resonance for Voice Activity Detection and Affective Computing	Hoga Saragih	Hoga Saragih

Parallel Session #4 (23 October 2025, 13.15~15.15 UTC+7:00)				
Meeting Room A: Online				
Session Chair: Sepha Siswantyo				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	7673	Rapid DDoS Detection and Mitigation Framework in SDN Space	Alfred Antonio, Jonathan Djoko, Rexi Leon Saputra and Ika Dyah Agustia Rachmawati	Alfred Antonio
2	7706	Classification of Phishing Attacks from OSINT Data Using Naive Bayes Algorithm for Enhanced Cyber Situational Awareness	Sahat Erwin Gemayel Siagian, Herry Sujaini and Rudy Gianto	Sahat Erwin Gemayel
3	7841	Machine Learning-Based Intrusion Detection System for Network Security: Evaluation Using R and the UNSW-NB15 Datase	Yadhurani Dewi Amritha, Ni Luh Putu Ika Candrawengi and Md Wira Putra Dananjaya	Yadhurani Dewi Amritha
4	8920	Towards Robust SSH Anomaly Detection: A Deep Learning Comparative Analysis	Md Wira Putra Dananjaya, Ni Luh Putu Ika Candrawengi, I Wayan Aditya Suranata and I Gusti Ngurah Darma Paramartha	Md Wira Putra Dananjaya
5	9123	AI-Driven Misinformation Mitigation: Implementation of RAG System for Hoax Detection and Cybersecurity in Indonesia	Rivo Juicer Wowor, Sy Yuliani Yakub and Santi Indarjani	Rivo Juicer Wowor
6	9326	Using Hybrid Blockchain to Increase Transaction Transparency in Government Bond Investments	Inayatulloh Inayatulloh	Inayatulloh
7	9404	Implementation of GRU Model for Identifying Hoax News in Indonesia: A Focus on Cyber Security	Christian Ivan Wibowo and Sy. Yuliani Yakub	Christian Ivan Wibowo
8	9884	An Analysis of Password Manager Adoption and Trust Among Indonesian Digital Users	Muhammad Malik Pandu Galang, Fadhil Pratama and Yudhistira Nugraha	Muhammad Malik Pandu Galang
Meeting Room B: Online				
Session Chair: Girinoto				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	3010	Needs Analysis and AI Competency among Indonesian Students: An Adaptive Study Based on International Frameworks	Galen Nayaka Nayottama, Adele Mailangkay and Sasmoko Sasmoko	Galen Nayaka Nayottama
2	3453	YOLO Object Detection in Synthetic Aperture Radar Imagery: A Study on SARDet-100K with Image Denoising	Kasandika Andariefli, Jervino Handaya, Keitaro Herman and Alexander Gunawan	Kasandika Andariefli
3	4828	Brain Tumor Classification on MRI Images Based on Transfer Learning	Haris Rafi, Zakiul Fahmi Zailani and Dimas Aryo Anggoro	Dimas Aryo Anggoro
4	6486	A Multi-Model Approach to Sentiment Analysis of Earning Calls: Integrating Whisper, BART, and FinGPT	Frederick Marvel, Louis Dasten Suryajaya, Jose Alexandre, Andien Dwi Novika and Derwin Suhartono	Andien Dwi Novika
5	6556	Enhancing Story Point Estimation in Software Projects Using Transformer-Based Embeddings and Ensemble Regression Models	Darren Cornelius Citra Wijaya, Auryn Larissa Sabrina and Meiliana	Darren Cornelius Citra Wijaya
6	7470	Hybrid Feature Fusion for Aspect Categorization: Combining FastText and IndoRoBERTa Embeddings for Indonesian Smartphone Reviews	Justien Venerdi, David Arifin, Hengky Arifin, Muhammad Fikri Hasani and Ayu Maulina	Justien Venerdi
7	7492	Enhancing Attention Span in Human-Computer Interaction by Designing Digital Interfaces for Optimal Cognitive Efficiency	Henry Ricardo, Edbert Andersen, Nikita Masaling and Andry Chowanda	Edbert Andersen
8	9106	Comparative Study of PRTG and Grafana-Prometheus for Monitoring Information Technology Infrastructure	Dita Nurmadewi, Yusran Rizky Mulyadi and Shidiq Al Hakim	Shidiq Al Hakim
9	9842	Machine Learning Methods for Diagnosis of Human Disesases: A Systematic Literature Review	Denada Denada, Santi Santi, Muhammad Ghozy Alkhairi and Ema Utami	Muhammad Ghozy Alkhairi

Meeting Room C: Offline				
Session Chair: Dr Sri Rosdiana				
No.	**Paper ID**	**Title**	**Authors**	**Presenter**
1	2477	Collision Analysis of the 10-Round SLIM-based Matyas-Meyer-Oseas Scheme: Implications for Length Extension Attack	Widya Jati Lestari, Bety Hayat Susanti and Sepha Siswantyo	Widya Jati Lestari
2	2572	All Subkey Recovery Attack on 5-Round SCENERY Algorithm	Farid Akbar, Nia Yulianti, Sri Rosdiana and Mareta Ardyani	Farid Akbar
3	3468	The Shifted Discrete Logarithm Problem and Its Applications in Post-Quantum Cryptography	Brayen Damara, Muhammad Imran and Kiki A. Sugeng	Brayen Damara
4	6509	Efficient and Secure Multiparty Key Exchange Schemes from Bilinear Maps	Annisa Dini Handayani, Indah Emilia Wijayanti, Uha Isnaini and Prastudy Fauzi	Annisa Dini Handayani
5	7429	Chaotic Enhancement via LE-guided Quantum XYZ Rotational Encoding and Amplitude-Scaled	De Rosal Ignatius Moses Setiadi, Supriadi Rustad, T. Sutojo, Muhamad Akrom, Mohamad Afendee Mohamed and Aceng Sambas	De Rosal Ignatius Moses Setiadi
6	8604	Extended Self-Adaptive Honey Encryption (XSHE) for User Authentication Scheme Using a Generative Adversarial Network (GAN)	Adek Muhammad Zulkham Rk, Girinoto, Herman Kabetta and Hermawan Setiawan	Adek Muhammad Zulkham Rk