

Rules Participant Parallel Session

1. Participants are requested to join the session room at least 10 minutes before the session begins.
2. Please ensure your Zoom display name follows the template: **“Paper ID–Name Participant”**.
3. Participants are kindly asked to wear formal or semi-formal attire to maintain a professional atmosphere.
4. Participants are required to fill out the attendance form, use the provided virtual background, and access the Zoom link through the following link: <https://linktr.ee/ParticipantSOFTT2025>.
5. Late participants are requested to report to the committee via Zoom and obtain permission before entering the breakout room.
6. Participants are expected to attend the session until it ends and provide feedback if requested.

Rules Presentation

1. Please keep your microphone muted while another participant is presenting.
2. The use of a camera is strongly encouraged, especially during presentations and Q&A sessions, to enhance interaction.
3. Ensure a stable internet connection throughout the session.
4. Questions may be submitted using the “Raise Hand” feature or through the chat box.
5. Please deliver questions or comments briefly, clearly, and politely.
6. Maintain professionalism and show respect to presenters, moderators, and fellow participants.
7. Disruptive behavior will not be tolerated, and participants may be removed from the session.
8. If you experience technical difficulties, please contact the technical host via chat.
9. Participants are not allowed to leave the room until the presentation has concluded and the session has been officially closed by the chair.

PARALLEL SESSION DAY-1

		Minute	Start	Finish	Online/ Offline	Paper ID	Title	Authors	Presenter	Chair	Host	
1	Main Room	20 Minute	13.30	13.50	Offline	1571162623	Enhanced P300 Detection Through EEG Channel Selection Using Bat Algorithm and Machine Learning	Mr. M Nurfadli Alif; Ms. Fathurriqza Balova; Mrs. Indah Amalia Putri; Mrs. Thalita Dewi Rahmانيar; Ms. Ayu Sekar Safitri; Mr. Inung Wijayanto	M Alif			
2		20 Minute	13.50	14.10	Offline	1571162626	Optimizing EEG Channel Selection for P300 ERP Classification Using the Firefly Algorithm and Machine Learning Models	Ms. Fathurriqza Balova; Mrs. Indah Amalia Putri; Mr. M Nurfadli Alif; Mrs. Thalita Dewi Rahmانيar; Ms. Ayu Sekar Safitri; Mr. Inung Wijayanto	Fathurriqza Balova			
3		20 Minute	14.10	14.30	Offline	1571162624	Selective EEG Channel Using Cuckoo Search Algorithm to Improve P300 Detection on EEG-Based Cognitive State Classification with Machine Learning Models	Mrs. Indah Amalia Putri; Ms. Fathurriqza Balova; Mr. M Nurfadli Alif; Mrs. Thalita Dewi Rahmانيar; Ms. Ayu Sekar Safitri; Mr. Inung Wijayanto	Indah Putri			
4	Breakout Room 1	15 Minute	14.30	14.45	Online	1571144896	Food Price Variations Analysis for Food Security through Clustering Techniques and ARIMA Forecasting Using R	Ms. Roselyn A. Maafo; Ms. Mary Meliza V. Parcon; Ms. Ralyn E Bermudez; Mrs. Ma Jennifer E Matias; Prof. Macaulay B Bagnate; Ms. Leah T. Salas	Roselyn Maafo	Session Chair: Dr. Norliza	Abel Abimanyu/ Hilmi/Rakha	
5		15 Minute	14.45	15.00	Online	1571152835	Design and Execution of an Application for Early-Stage Stroke Prediction Using Ensemble Learners	Dr. Zaineb Alhakeem; Dr. Suroor Moaid Dawood; Dr. Raad Z. Homod; Dr. Hayder I. Mohammed	Zaineb Alhakeem			
6		15 Minute	15.00	15.15	Online	1571153146	Design and Execution of an Application for Early-Stage Stroke Prediction Using Ensemble Learners	Mr. M M Sadman Shafi; Ms. Tasnia Siddiqua Ahona; Ms. Juhana Hussein Lana	Tasnia Ahona			
Break (15 Minute)												
No		Minute	Start	Time	Online/ Offline	Paper ID	Title	Authors	Presenter	Chair		
7	Breakout Room 1	15 Minute	15.30	15.45	Online	1571148160	DNN-Based Spectral Efficiency Optimization in 6G Massive MIMO Communication Systems	Dr. Yunida Yunida; Mr. Khairul Ridha; Mr. N Nasaruddin	Yunida Yunida	Session Chair: Muhammad Nasrun, S.T., M.T	Abel Abimanyu/ Hilmi/Rakha	
8		15 Minute	15.45	16.00	Online	1571166237	Analysis on Inter-Carrier Interference (ICI) for High-Speed Railway FRMCS Signaling	Mr. Nanang Ismail; Mrs. Sri Anne; Mrs. Linda Meylani; Prof. Khoirul Anwar; Prof. Maman Abdurrahman	Nanang Ismail; Sri Anne			
9		15 Minute	16.00	16.15	Online	1571160729	Benchmarking Zero-Knowledge Proof-Based Authentication Protocols	Mrs. Zeineb Ben Sassi; Mr. Chiheb Chahine Yaici; Prof. Osman Salem; Mr. Jiahui Xiang; Prof. Ahmed Mahgoub	Zeineb Ben Sassi			
10		15 Minute	16.15	16.30	Online	1571162398	Comparative Performance Analysis of 8-PPM and OOK Modulation Techniques for Diver-to-Diver UVLC Systems	Mr. Edo Lutfi Mahanani; Ms. Aminah Indahsari Marsuki	Edo Mahanani			
11		15 Minute	16.30	16.45	Online	1571162577	Radio Resource Allocation in SCMA-Based D2D Underlay Systems	Mr. Fauzan L Pinem, Fauzan L.P	Fauzan Pinem			
12		15 Minute	16.45	17.00	Online	1571165727	Study on Reconfigurable Intelligent Surfaces Performance Towards Terahertz Communications	Mr. I Putu Adiaksa Wiguna; Mrs. Linda Meylani	I putu Adiaksa			
Room 1												
No		Minute	Start	Finish	Online/ Offline	Paper ID	Title	Authors	Presenter	Chair		
1	Breakout Room 2	15 Minute	13.30	13.45	Online	1571153657	Study on Practical Quantum-Based Security for 6G RAN	Mr. Anjar Priyatna; Prof. Khoirul Anwar; Dr. Gelar Budiman	Anjar priyatna	Session Chair: Dr. Mohd Azri Bin Mohd Izhar		
2		15 Minute	13.45	14.00	Online	1571155170	Proof of Work vs. Proof of Stake for IoT Blockchains: A Critical Review of Energy, Scalability, and Security Trade-offs	Dr. Yassine Maadallah; Dr. Younès EL Bouzekri El Idrissi; Mr. Youssef Baddi	Yassine Maadallah			
3		15 Minute	14.00	14.15	Online	1571161646	Enhancing Digital Trust and Evaluation in Education through a Scalable Blockchain-Based Certificate Management System	Mr. Vikri Aulia	Vikri Aulia			
4		15 Minute	14.15	14.30	Online	1571162122	Evolving Strategies for SDN Controller Placement: a Critical Review of Modern Solutions	Mr. Vito Devara Syifa; Mrs. Sofia Hertiana; Dr. Danu Dwi Sanjoyo	Vito Syifa			
5		15 Minute	14.30	14.45	Online	1571162183	Optimizing Unikernels for Cloud-Native Workloads: Lessons from Unikraft and Nanos	Mr. Arifki Ilham; Mr. Aji Gautama Putrada; Mr. Erwid Jadied	Arifki Ilham			
6		15 Minute	14.45	15.00	Online	1571162592	OLSR Routing Protocol in FANET Using Different Mobility Models	Salma Badawi Mohammed Ahmed; Dr. Norulhusna Ahmad; Dr. Rudzidatul Dzauyuddin	Salma Badawi Mohammed Ahmed			
Break (15 Minute)												
7	Breakout Room 2	15 Minute	15.15	15.45	Online	1571150692	The Adoption of SACM to Support Dialectical Safety Assurance Case of AV Object Recognition System	Ms. Olaza Aurora Syafira; Dr. Nungki Selviandro	Olaza Syafira	Session Chair: Dr. Linda Meylani, S.T., M.T	Ferdhy/Adiaksa	
8		15 Minute	15.45	16.00	Online	1571153505	Design of Exoskeleton Shoulder Joint for Physiotherapy Rehabilitation of Post-Stroke Patients Utilizing Cycloidal Drive and PD Control	Mr. Andi Muhammad Raehan Fathah; Dr. Willy Anugrah Cahyadi; Dr. Husneni Mukhtar	Andi Fathah			
9		15 Minute	16.15	16.30	Online	1571154836	A Hybrid Optimization Framework for Emergency Resource Allocation in Low-Resource Settings: Application to Burkina Faso	Mr. Manegaouindé Roland Tougma	Manegaouindé Roland Tougma			
10		15 Minute	16.30	16.45	Online	1571161981	Analysis and Monitoring of Weightlifting Activities Using Dumbbell Based on IoT Using Inertial Sensors with Analysis of the Utilization of SUS	Mr. Fadhil Fadhlullah Rinanda; Mr. Hilal Huda; Mr. Endro Ariyanto; Mr. Ahmed Essam Zahran	Fadhil Rinanda			
11		15 Minute	16.45	17.00	Online	1571162053	Ethics by Design: Data Privacy and Cloud-Native Security for the Retail Enterprise	Mr. Udaya Veeramreddygari	Udaya Veeramreddygari			
12		15 Minute	17.00	17.15	Online	1571162173	Designing an AIOps Framework for Energy-Efficient IT Operations: A Case Study on Cloud Computing Environment	Mr. Milankumar Rana; Sakhita Sree Gadde	Milankumar Rana			
Virtual Room												
No		Minute	Start	Finish	Online/ Offline	Paper ID	Title	Authors	Presenter	Chair		
1	Breakout Room 3	15 Minute	13.30	13.45	Online	1571154936	Factors Affecting the Adoption of ChatGPT Among Tax Professionals	Ms. Flowneta Patricia; Ms. Venecia Venecia; Mr. Ilham Condro Prabowo	Flowneta Patricia	Session Chair: Dr.Eng. Asep Suhendi, S.Si., M.Si.	Edo Lutfi dan Jundi	
2		15 Minute	13.45	14.00	Online	1571157935	A Novel Spread Spectrum-Based Audio Watermarking Scheme Resilient to Desynchronization and Filtering Attacks via Multi-Domain Feature Fusion	Mr. Yesaya Pasaribu	Yesaya Pasaribu			
3		15 Minute	14.00	14.15	Online	1571158381	A Joint Remote Sensing and Static Wireless Sensing Algorithm for Highly Efficient Spatiotemporal Monitoring of Correlated Data	Dr. Hadi Alasti; Ms. Homa Tajiani	Hadi Alasti			
4		15 Minute	14.15	14.30	Online	1571159937	A Comparative Study of YOLOv11 Variants for Multi-Class Strawberry Detection in Real-Time Applications	Mr. Ardy Fahriansyah; Mr. Pavel Manaf El Zaky; Ms. Raden Roro Nisrina Hasna F Irawati; Mrs. Ledy Novamizanti; Mrs. Sofia Sa'idah	Ardy Fahriansyah			
5		15 Minute	14.30	14.45	Online	1571161135	LightGBM-Based Ensemble Boosting for Detection and Anatomical Localization of Myocardial Infarction Using 12-Lead ECG Morphological Features	Mr. Fauzan Yuniawan; Dr. Satria Mandala	Fauzan Yuniawan; Satria Mandala			
6		15 Minute	14.45	15.00	Online	1571162286	Adaptive PID-Controlled Cycloidal Elbow Exoskeleton for Passive Rehabilitation: Real-Time Signal Processing and Outlook on Remote Monitoring	Mr. Muhammad Syaqui Azmi; Dr. Husneni Mukhtar; Dr. Willy Anugrah Cahyadi	Muhammad Syaqui Azmi			
Break (15 Minute)												
7	Breakout Room 3	15 Minute	15.15	15.45	Online	1571162372	Simulation of Dynamic Routing in DWDM Networks Using Backward Reservation Signalling	Ms. A Ananda; Prof. Dewiani Dewiani; Dr. Wardi Wardi	A Ananda	Session Chair: Dr. Fadhilah		
8		15 Minute	15.45	16.00	Online	1571162617	Balancing Robustness and Imperceptibility in Reversible Watermarking via Slantlet Transform and Spread Spectrum Modulation	Mr. Athallah Muhammad Tri Zuhdi; Mr. Muhammad Ryan Faadhilah Tonka; Mrs. Ledy Novamizanti; Dr. Gelar Budiman	Athallah Zuhdi			
9		15 Minute	16.15	16.30	Online	1571162631	Multi-Stage Multimodal Sentiment Analysis Using Attention Mechanism and BiGRU on Mental Health Topics in Social Media X	Mr. Erwin Budi Setiawan; Rifqah Amaliyah	Rifqah Amaliyah			
10		15 Minute	16.30	16.45	Online	1571162632	Suicide Detection on Twitter Using CNN-BiGRU Combination with FastText Feature Expansion and Genetic Algorithm Optimization	Mr. Erwin Budi Setiawan; Mr. Muhammad Wahyu Pratama	Muhammad Pratama			

11	15 Minute	16.45	17.00	Online	1571162634	Depression Detection on Twitter Using BiLSTM-GRU Method with FastText Expansion Feature	Mr. Erwin Budi Setiawan; Mr. Fadhil Muhamad Pratama	Fadhil Pratama		
12	15 Minute	17.00	17.15	Online	1571162637	Hybrid CNN-BiLSTM with GloVe, Word2Vec, and Attention Mechanism for Mental Health Sentiment Analysis	Mr. Erwin Budi Setiawan; Mr. Luthfi Fauzi	Luthfi Fauzi		