



**4th International Conference on Artificial Intelligence and Knowledge Processing
(AIKP' 24)
(22nd – 24th August 2024)**

SPRINGER NATURE



Conference Schedule



Day 1: (22.08.2024)

Time (Johannesburg)	Time (IST)	Purpose	Details	Link
10:00 - 10:30	13:30 - 14:00	Introductory Note	Dr. Randall Carolissen , Dean - University of Johannesburg Business School, South Africa.	Click to Join Introductory Note Meeting ID: 914 7709 0487 Passcode: 755187
			Dr. Hemachandran K. , Director, AI Research Centre, Woxsen University, Hyderabad, India.	
			Dr. Manjeet Rege , Chair & Professor, Department of Software and Data Science, University of St. Thomas, MN, USA.	
			Prof. Abejide Ade-Ibijola , Full Professor of Artificial Intelligence, Johannesburg Business School, South Africa.	
10:30 - 11:00	14:00 - 14:30	Keynote Sessions	Prof. Abejide Ade-Ibijola <i>Talk Title:</i> Serious Games and Artificial Intelligence: Real-Life Applications in Education	Click to Join the Keynote Session Meeting ID: 914 7709 0487 Passcode: 755187
11:00 - 11:30	14:30 - 15:00		Dr. Kok-Leong Ong <i>Talk Title:</i> Using AI to enhance user experience of selling second-hand cars	
11:30 - 12:00	15:00 - 15:30		Dr Vincezo Piuri <i>Talk Title:</i> Artificial Intelligence for Biometric Technologies and Systems	
12:00 - 12:30	15:30 - 16:00		Dr. Manjeet Rege <i>Talk Title:</i> Exploring the Boundaries of AI: Limitations, Societal Impact, and Ethical Considerations	
12:30 - 14:00	16:00 - 17:30	Lunch Break		
14:00 - 15:30	17:30 - 19:00	Paper Presentation Track 1		Click to Join for Paper Presentation Track-1 Meeting ID: 984 7695 5223 Passcode: 997042



Day 2: (23.08.2024)					
Time (Johannesburg)	Time (IST)	Purpose	Details		Link
10:00 - 10:30	13:30 - 14:00	Keynote Sessions	Mr. Jibu Elias	<i>Talk Title:</i> Fostering Responsible AI: The Role of Policy and Governance	Click here to join Keynote Session Meeting ID: 993 5476 4021 Passcode: 350727
10:30 - 11:00	14:00 - 14:30		Dr. Mireille Toulekima	<i>Talk Title:</i> Role of Artificial Intelligence to optimize the energy transition	
11:00 - 11:30	14:30 - 15:00		Dr. Aparajita	<i>Talk Title:</i> The Role of Artificial Intelligence in Knowledge Management	
11:30 - 12:00	15:00 - 15:30		Dr. Randall Carolissen	<i>Talk Title:</i> The Neural Nexus: Advances in Human-Computer Interaction	
12:00 - 13:00	15:30 - 16:30	Lunch Break			
13:00 - 14:30	16:30 - 18:00	Paper Presentation Track 2			Click here to join for Track 2
13:00 - 14:30	16:30 - 18:00	Paper Presentation Track 3			Click here to join for Track 3



Day 3: (24.08.2024)

Time (Johannesburg)	Time (IST)	Purpose	Details		Link
10:00 - 10:30	13:30 - 14:00	Keynote Sessions	Mr. Gerg Serandos	<i>Talk Title:</i> Leadership and Strategy in the AI Era	Click here to join Keynote Session Meeting ID: 969 8414 0043 Passcode: 187592
10:30 - 11:00	14:00 - 14:30		Mr. Anees Merchant	<i>Talk Title:</i> Transforming Organizational KM Initiatives - The Power of Generative and Multimodal AI in Business and Knowledge Management	
11:00 - 11:30	14:30 - 15:00		Dr. Sivarama Krishnan Rajaraman	<i>Talk Title:</i> Enhancing pediatric chest xray classification with data augmentation using latent diffusion	
11:30 - 12:00	15:00 - 15:30		Dr. Anil Pise	<i>Talk Title:</i> Advancements in Emotion and Expression Recognition: Implications	
12:00 - 13:00	15:30 - 16:30	Lunch Break			
13:00 - 14:30	16:30 - 18:00	Paper Presentation Track 4			Click here to join Track 4
13:00 - 14:30	16:30 - 18:00	Paper Presentation Track 5			Click here to join Track 5



14:30 - 17:00	18:00 - 20:30	Valedictory Ceremony	Click here to join Valedictory Cermony Meeting ID: 965 6122 4224 Passcode: 561146
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Tracks Schedule

Track 1: (22.08.2024)					
S. No.	Time (Johannesburg)	Time (IST)	Paper title	Corresponding Author	Link
1	14:00 - 14:15	17:30 - 17:45	Abusive Comment Detection from Bengali-English Code-mixed social media Text using Ensemble of Deep Learning	Mohammed Moshiul Hoque	Click here to join in Track 1 Meeting ID: 984 7695 5223 Passcode: 997042
2	14:15 - 14:30	17:45 - 18:00	Decoding Engineering Education: Student Feedback Analysis through Latent Dirichlet Allocation	Manjeet Rege	
3	14:30 - 14:45	18:00 - 18:15	AI Ethics in Practice: Exploring Racial and Ethnic Stereotypes in Synthetic Resumes Written by ChatGPT	Manjeet Rege	



Track 2: (23.08.2024)					
S. No.	Time (Johannesburg)	Time (IST)	Paper title	Corresponding Author	Link
1	13:00 - 13:15	16:30 - 16:45	Real Time Traffic Management System for Urban Cities by Optimizing Level of Service	Tanya Garg	Click here to join in Track 2 Meeting ID: 918 8931 6160 Passcode: 714281
2	13:15 - 13:30	16:45 - 17:00	Predictive Analytics in Weather Forecasting Using Machine Learning and Deep Learning	Deepika Pantola	
3	13:30 - 13:45	17:00 - 17:15	Traffic Forecasting with Spatio-Temporal Graph Neural Networks	Shehal Shah	
4	13:45 - 14:00	17:15 - 17:30	Deciphering Excellence in Hospitality: A Study on India's Premier Hotels using Natural Language Processing	Manjeet Rege	



Track 3: (23.08.2024)

S. No.	Time (Johannesburg)	Time (IST)	Paper title	Corresponding Author	Link
1	13:00 - 13:15	16:30 - 16:45	Cyber-attack Detection in Healthcare Systems based on Modified -Recurrent Neural Network Approach	Anirudh Khanna	Click here to join in Track 3 Meeting ID: 966 9266 8565 Passcode: 523720
2	13:15 - 13:30	16:45 - 17:00	Exploring Aggregation Strategies in Federated Learning: A Comparative Analysis on the MNIST Dataset with Convolutional Neural Network	Vedik Agarwal	
3	13:30 - 13:45	17:00 - 17:15	Dual Model Dynamics: Enhancing Depression Prediction through the Integrated Use of Convolutional Neural Networks and Support Vector Machines in Data-Driven Methods	Dr. K Dinesh Kumar	
4	13:45 - 14:00	17:15 - 17:30	Enhancing Maize Crop Health: Deep Learning Approach for Disease Detection and Classification Using Leaf Images	Channabasava Chola	



Track 4: (24.08.2024)

S. No.	Time (Johannesburg)	Time (IST)	Paper title	Corresponding Author	Link
1	13:00 - 13:15	16:30 - 16:45	Quantum Simulation of 1D and 2D Lattice-based Magnetic Quantum Systems Using Heisenberg Model via Variational Quantum Eigensolver	Shalini D	Click here to join in Track 4 Meeting ID: 934 5886 2075 Passcode: 119167
2	13:15 - 13:30	16:45 - 17:00	Topological Quantum Computing for Engineers	Srinjoy Ganguly	
3	13:30 - 13:45	17:00 - 17:15	A Deep Learning-Based Novel RNN-BiLSTM Architecture for Efficient Threat Detection in IoT Ecosystem	Jitendra Sharma	
4	13:45 - 14:00	17:15 - 17:30	Hybrid Feature Approach for Enhancing Zero-Shot Image Classification	Shaista Ansari Khanam	



Track 5: (24.08.2024)

S. No.	Time (Johannesburg)	Time (IST)	Paper title	Corresponding Author	Link
1	13:00 - 13:15	16:30 - 16:45	Empowering Breast Cancer Detection: A Novel Hybrid Transfer Learning Approach with Aquila Optimizer	Nuzhat Prova	Click here to join for Track 5 Meeting ID: 982 8022 1939 Passcode: 293528
2	13:15 - 13:30	16:45 - 17:00	Classification of Brain Tumors from MRI images using Novel CNN model and Optimization Approaches	S. Z Parveen	
3	13:30 - 13:45	17:00 - 17:15	FGA-Net: Feature-Gated Attention for Glioma Brain Tumor Segmentation in volumetric MRI images	Javaid Iqbal Bhat	