Program at a Glance

Thursday, 3rd December

	Virtual Zoom 1	Virtual Zoom 2	Virtual Zoom 3	Podium Lobby
13:00-15:45	WI-IAT'26 WS	WI-IAT'26 WS Session 2	BI'26 WS Session 1	Registration
14:45-15:00	Break			
15:00-16:30	WI-IAT'26 WS Session 3	WI-IAT'26 WS Session 4		
18:30-20:30	DEI Reception (Azure Mediterranean Restaurant, Southbank)			

Friday, 4th December

	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
08:30-09:00	Opening Ceremony				Registration
09:00-10:00	AI 70th Turing Keynote: Gilles Brassard, 2025 ACM A.M. Turing Award Laureate				
10:00-11:00	WI-IAT Keynote: Zhi (Helen) Huang, University of Queensland, Australia				
11:00-11:15	Morning Tea				
11:15-12:35	WI-IAT'26 Session 1	WI-IAT'26 Session 2	WI-IAT'26 Session 3	BI'26 Session 1	
12:35-13:30	Lunch				
13:30-14:30	BI Keynote: Minmin Luo, Chinese Institute for Brain Research, China				
14:30-15:10	Industry Feature Talk: Soman Elangovan,Cannan Institute and Belmont Private Hospital, Australia				
15:10-15:25	Afternoon Tea				
15:25-17:00	WI-IAT'26 Session 4	WI-IAT'26 Session 5	WI-IAT'26 Session 6	BI'26 Session 2	

Saturday, 5th December

	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
08:30-09:30	BI Keynote: Pankaj Sah, University of Queensland, Australia				Poster + 3-mins Pitches
09:30-10:30	WI-IAT Keynote: Willy Susilo, University of Wollongong, Australia				
10:30-10:45	Morning Tea				
10:45-12:30	WI-IAT'26 Session 7	WI-IAT'26 Session 8	WI-IAT'26 Session 9	BI'26 Session 3	
12:30-13:30	Lunch				
13:30-15:30	WI-IAT'26 Session 10	WI-IAT'26 Session 11	WI-IAT'26 Session 12	BI'26 Session 4	
15:30-15:45	Afternoon Tea				
15:45-17:00	AI 70th Anniversary Panel Discussion				
18:30-21:30	Banquet & Award Ceremony (Sky Room & Terrace, Brisbane Convention & Exhibition Centre)				

Sunday, 6th December

	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
09:00-10:45	WI-IAT'26 Session 13	WI-IAT'26 Session 14	WI-IAT'26 Session 15	BI'26 Session 5	Exectuve meetings
10:45-11:00	Morning Tea				
11:00-12:30	WI-IAT'26 Session 16	WI-IAT'26 Session 17	WI-IAT'26 Session 18	BI'26 Session 6	
12:30-13:30	Lunch				
13:30-15:30	WI-IAT'26 Session 19	WI-IAT'26 Session 20	BI'26 WS SS	BI'26 Session 7	
15:30-15:45	Afternoon Tea				
15:45-16:50	WI-IAT'26 WS Session 5	WI-IAT'26 WS Session 6	WI-IAT'26 WS Session 7	BI'26 WS Session 2	
16:50-17:00	Closing Ceremony				

Conference Sessions and Presentations
Thursday, the 3rd December

Time	Virtual Zoom 1	Virtual Zoom 2	Virtual Zoom 3	Podium Lobby
	WI-IAT'26 WS Session 1 **Chair: *Paolo Mengoni* (@)**	**WI-IAT'26 WS Session 2** **Chair: *Min Pan* (@)**	**BI'26 WS Session 1** **Chair: *Jianhui Chen* (@)**	
13:00-14:45	[S03201-IDP-L(@)] Post-Training Quantization of Convolutional Neural Networks: A Comparative Evaluation of Affine, Symmetric, and Power-of-Two Schemes with Layer-Wise Fidelity Analysis *Dominic Jean-Luc Tarnowski and Tatiana Ermakova*	[S15201-AI-STI-L(@)] Ar-Net : a Ratio-Based Learning Network for Multivariate Time Series Forecasting *Arwansyah -, Bijay Prasad Jaysawal, and Jen-Wei Huang*	[S02201-WImBI-L(@)] A Knowledge Distillation Approach for Interpretable pRCC Nuclear Grading Prediction *Zitong Zhang, Houming Zhao, jianhui Chen, Qingbo Huang, and Hairong Yan*	Registration
	[S03202-IDP-L(@)] On Yuan Kejia's Chinese Translations of Yeats's Poetry from the Perspective of Translator Behavior Criticism *Yitian Zhang and Chen Ou*	[WI346-WIAA-L(@)] SmartPQ-Shield for Policy-Bounded Safe-Action Bandits in Adaptive Post-Quantum TLS *Insaf Imene Lasledj, Yulliwas AMEUR, and Samia Bouzefrane*	[S02203-WImBI-L(@)] How Learning Shapes Communication under Conflicting Interests: A Computational Model *Vyacheslav Kalchenko and Eduard Korkotian*	
	[S03203-IDP-L(@)] On the Construction of China's National Image from the Perspective of Multimodal Discourse Analysis—Taking the Documentary China Bouquet as an Example *Nan Song and Chen Ou*	[WI211-WIAA-L(@)] Web Intelligence for Smart Health and Living *Kireet Joshi, Jianming Yong, and Yahua Zhang*	[S02204-WImBI-L(@)] LearnTune: An Exploratory Pilot Study of Multimodal Closed-Loop Music Biofeedback During Word Learning *Zimo Fan and Ting Jiang*	
	[S03204-IDP-L(@)] Interpreting Curiosity-Driven Reinforcement Learning Through Behavioral Coverage and Policy-Loss Diagnostics *Paolo Mengoni, Zixin Li, Yuanxi Li, Pui Yun Paulina Wong, Daniel Jandong Shen, and Aru Nurgissayeva*	[S05203-AIBD-L(@)] Evolution-Guided Adaptive Learning for Non-Stationary Web Data Streams *Mohamed Ayari, Atef Gharbi, and Nasser Albalawi*	[S08201-IBI-BIBC(@)) Joint Spatio-Temporal and Frequency-Gated Representation Learning for Inner Speech EEG Decoding *Zhiyuan Zhu, Jiawei Xue, Qing Li, Yang Bai, Kailun Tan, and Ziyu Li*	

	[S03205-IDP-L(@)] Using Machine Learning to Explore the Impact of ESG Practices on Corporate Financial Performance *Zining Qu and Kristen Yuanxi Li*	[S05204-AIBD(-L@)] Design of Millimeter Wave Train-ground Communication System in Heavy haul Railway Scenarios *Feng-wei Kang, Yang Cheng, Wei-fan Zheng, Yu-xin Li, Jin-hua Hu, and Jing Song*	[S10203-GAI4Neuro-L(@)] Brain-Aligned Multimodal LLMs for Social and Emotional Understanding of Cartoon Movies *Yiran Huang, Zeyong Zhang, Bharat Biswal, Xin Di, and Mengjia Xu*
14:45-15:00	**Break**		
15:00-16:30	**WI-IAT'26 WS Session 3** **Chair: *Yuanxi Li* (@)**	**WI-IAT'26 WS Session 4** **Chair: *Zehua Chen* (@)**	
	[S03206-IDP-L(@)] Evaluating the Incremental Predictive Value of Title and Thumbnail Features under Temporal Shift in YouTube Trending Videos *Xiaoqi Meng, Yupeng Li, and Liang Lan*	[S13202-CWIW-L(@)] FS-Mamba: Frequency-Structure Decoupling with Mamba for Low-Light Image Restoration *Chengzhi Ma, Hao Wu, Hongqi Zong, and Zehua Chen*	
	[S03209-IDP-L(@)] Predictive Algorithm Selection for Multiscale Electromagnetic Simulation from Sparse Runtime Data *Mohamed Ayari, Mohamed Hajji, and Taoufik Aguili*	[S13203-CWIW-L(@)] Agentic Query Reformulation for Dementia Caregiving Conversational AI *Becky Yu*	
	[S09203-AIA2FPFO-L(@)] MUDiffNet: A Multi-scale Differential Attention Hybrid Network for Robust Clinical Image Classification *Zeshan Hu*	[S13204-CWIW-L(@)] Future Directions in Retrieval-Augmented Generation: From Retrieval Optimization to GraphRAG and Agent-Oriented RAG *Haoyu Wang*	
	[S02220-AI&CS-L(@)] K-PGR: Knowledge-Anchored Personalized Graph Reranking for Inference-Time Query Rewriting in Dense Retrieval *ZuHua Chen*	[S07201-WImBI-L(@)] Deep Learning Classification and Comparative Evaluation of Frost States on Industrial Unit Coolers in an Indoor Ski Resort G*uoping He, Yuhua Zhang, Yilun Yin, and Pengfan Zhou*	
18:30-20:30	**DEI Reception (Azure Mediterranean Restaurant, Southbank)**		

Program Legend

- **L** — Long or regular presentation: 15 minutes for the presentation, followed by 5 minutes for questions and answers.
- **S** — Short presentation: 12 minutes for the presentation, followed by 3 minutes for questions and answers.
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Conference Sessions and Presentations
Friday, the 4th December

Time	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
08:30-09:00	**Opening Ceremony (Chair: *Xiaohui Tao*)**				
09:00-10:00	**[AI 70th Anniversary Turing Keynote] Alan Turing and me** **Professor Gilles Brassard, 2025 ACM A.M. Turing Award Laureate, Université de Montréal, Canada** **(Chair: *Ning Zhong*)**				
10:00-11:00	**[WI-IAT Keynote] TBA** **Professor Zhi (Helen) Huang, Fellow of IEEE, Fellow of ACM, The University of Queensland, Australia** **(Chair: *Jimmy Xiangji Huang*)**				
11:00-11:15	**Morning Tea**				**Registration**
11:15-12:35	**WI-IAT'26 Session 1** **Intelligent IoT and Data Systems** **Chair: *George Georgopoulos***	**WI-IAT'26 Session 2** **Reinforcement Learning and Multi-Agent Systems** **Chair: *Ji Zhang***	**WI-IAT'26 Session 3** **Language Analysis and Benchmarking** **Chair: *Juan D. Velásquez***	**BI'26 Session 1** **Emotion Recognition & Affective Neuroscience** **Chair: *Yan Li***	
	[WI384-L] IoT-Enabled Waste Segregation System: From Collection to Recycling *Abinaya Gopalakrsihnan, Yuting Zhu, and Xujuan Zhou*	[WI259-L] Efficient LLM-Assisted Reinforcement Learning via Entropy-Driven Invocation Scheduling and Performance-Based Termination *Ryotaro Murakami, Manabu Ohta, Donghui Lin, and Fumito Uwano*	[WI241-L] Supervision Helps, Filtering Hurts: A Multilingual Analysis of Two-Stage Persuasion Span Detection *Yutong Wang, Diana Nurbakova, and Sylvie Calabretto*	[B210-L] AI Policy & Interpretations of Human Emotions *Anunaya Sinha and Jianming Yong*	

	[WI223-S] SAGE-GraphRAG: Schema-Aware Multimodal GraphRAG for Water Affairs Question Answering Rui Han, Hongxia Xu, Zou Xiaotao, Yuebo Du, and Jianzhuo Yan	[WI298-L] Quantifying Re-identification Risk in LLM-Generated Mobility Summaries through Iterative Questioning *Ayumu Kai and Masanao Ochi*	[WI308-L] VERIDOC-QA: A Benchmark for Verifiable Multi-Document, Multi-Span Evidence Grounding *Jui-I Wang, Sheng-Lun Wei, Hen-Hsen Huang, and Hsin-Hsi Chen*	[B225-L] A Model-Agnostic Data-Driven Hierarchical Learning Approach for Fine-Grained EEG Emotion Recognition *Debadrita Roy, Neethu Robinson, and Smitha Kavallur Pisharath Gopi*
	[WI280-S] GenCS-Net: A Generative Conv-Swin Hybrid Network for Deepfake Video Detection *Min Dong, Pengyu Liu, Kebin Jia, Zhonghua Sun, Zhe Li, and Jinchao Feng*	[WI339-L] Deep Reinforcement Learning-Based Agents for Multilateral Negotiation *Kosuke Nakata and Katsuhide Fujita*	[WI299-L] gym-invmgmt: An Open Benchmarking Framework for Inventory Management Methods *Reza Barati and Qinmin (Vivian) Hu*	[B266-L] TopoEMO: Topography-Guided Adaptive Mixture-of-Experts for Cross-Dataset EEG Emotion Recognition *Jianlin Wang, Youxi Qu, Yanyi Zhu, Xicheng Lou, and Xinwei Li*
	[WI321-S] A Matching-Driven Framework for Distributing IoT Traffic across Edge Intrusion Detection Nodes *Waleed Almughalles, Jianming Yong, Xiaohui Tao, Yuefeng Li, and Jun Shen*	[WI381-L] State-Dependent Risk Adaptation via Distributional Reinforcement Learning for Decentralized Multi-ASV Navigation *Tenyu Matsumoto, Manabu Ohta, Donghui Lin, and Fumito Uwano*	[WI363-S] Aggregation Granularity Reverses Confusion Diagnostics: Persuasion Technique Confusion Is Cross-Lingually Shared *Yutong Wang, Diana Nurbakova, and Sylvie Calabretto*	[B212-S] Feedback-Related Fronto-Parietal Theta/Alpha Balance Differentiates Dark Triad Personality Profiles *Dor Mizrahi, Inon Zuckerman, and Ilan Laufer*
	[WI279-S] Visual Similarity and Structural Aggregation in Examiner-Citation Networks for GNN Evaluation *Soichi Onozuka, Yohei Kobashi, Takaaki Ohnishi, and Yutaka Matsuo*			
12:35-13:30	**Lunch**			
13:30-14:30	**[BI Keynote] Development and Clinical Application of Fully Implantable High-Throughput Brain Machine Interfaces** **Professor Minmin Luo, Chinese Institute for Brain Research, China** **(Chair: *Xiaohui Tao*)**			
14:30-14:40	**[BI in Industry] Introduction to Cannan Institute and Belmont Private Hospital** **(Chair: *Maryam Doborjeh*)**			
14:40-15:10	**[BI Industry Feature Talk] Professor Soman Elangovan,Cannan Institute and Belmont Private Hospital, Australia** **(Chair: *Maryam Doborjeh*)**			
15:10-15:25	**Afternoon Tea**			
15:25-17:00	**WI-IAT'26 Session 4** **Explainable AI and User Behavior** **Chair: *Tong Zhang***	**WI-IAT'26 Session 5** **Knowledge Graphs and Graph Learning** **Chair: *Thanveer Shaik***	**WI-IAT'26 Session 6** **Social Media and Language Analysis** **Chair: *Jianzhuo Yan***	**BI'26 Session 2** **Brain States, Sleep and Consciousness** **Chair: *Neil Smalheiser***

[WI295-L] From Random Noise to Anatomy: Evaluating Saliency Explanations in MRI-Based Alzheimer's Disease Detection *Tamal Chakroborty and Yang Liu*	[WI234-L] Dual-Axis LLM-Based Evaluation of Knowledge Graph Extraction: A Water Management Case Study *Yupeng Wang, Hongxia Xu, Xiaojuan, and Jianzhuo Yan*	[WI267-L] Asymmetric Decline Rather Than Backfire: A Repost-Network Analysis of Japanese Vaccine-Shedding Misinformation on X *Akinobu Seki, Erina Murata, Masaki Chujyo, and Fujio Toriumi*	[B230-L] Distinct Neural Spectral Trajectories Define the Transitions Between Wakefulness and Sleep *Saumya Prachi, Karthick PA, John Thomas, Rajamanickam Yuvaraj, and Jac Fredo Agastinose Ronickom*
[WI370-L] Causally and Temporally Feasible Counterfactual Explanations for Dynamic Rankings *Rikuto Takano Takano, Ryusei Otani, Ryuta Shiraishi, Keiichi Namikoshi, Yuko Sakurai, and Satoshi Oyama*	[WI247-L] GraphAny++: On the Effectiveness of Linear GNNs *Leon Walcher and Ansgar Scherp*	[WI330-L] From Detection to Characterization: A Large-Scale Study of Ragebait on Japanese X *Zhiyang Qi, Kazuhiro Ito, Jinghui Chen, Hibiki Nakamura, Zhangxuan Chen, Erina Murata, Masaki Chujyo, and Fujio Toriumi*	[B243-L] A Lightweight Brain Informatics Framework for End-to-End Sleep Staging from Raw PSG Signals *Md Nahidul Islam, Siuly Siuly, Bo Song, Peng Wen, and Yan Li*
[WI378-L] When Product Stakes Matter: User Engagement with AI Summaries and Warnings in E-Commerce *Elaheh Jafari and Julita Vassileva*	[WI336-L] When Successful Knowledge Graph Edits Displace Correct Answers Rank-Level Locality beyond Parameter Support *Yi-Cheng Lai, Jerry Wang, Hsin-Ling Hsu, Li-Chu Chi, Ya-Wen Teng, and Hen-Hsen Huang*	[WI288-S] Operation Semantics for Exploring Hypermedia Environments *Jérémy Lemée, Simon Mayer, Danai Vachtsevanou, Alessandro Giugno, Kimberly Garcia, and Andrei Ciortea*	[B253-L] Patient-Wise EEG-Based Depth of Anaesthesia Estimation Using Nonlinear Complexity Features and Support Vector Regression *Rashini Sahabandu, Tianning Li, Yan Li, and Siuly Siuly*
[WI392-L] Does Adaptive Graph Structure Help Dynamic User Behaviour Modelling? A Controlled Study *F M Javed Mehedi Shamrat, Syed Muntasin Fayaz, Xujuan Zhou, Raj Gururajan, and Ji Zhang*	[WI380-L] Heterogeneous Knowledge Graphs for Territorial Transition *Landy Rajaonarivo, Mathieu Roche, and Maguelonne Teisseire*	[WI270-S] Context-Dependent Interpretation of Vague Temporal Expressions in Disaster-Related Behavioral Facilitation Information on Social Media *Ryota Dakie, Yu Suzuki, Tadahiko Kumamoto, and Akiyo Nadamoto*	[B263-L] A Multi-Dimensional Comparison Study of Feature Extraction and Transition Modelling in Automated Sleep Classification *Isuru Naotunna Andarage, Bo Song, Yan Li, and Peng Wen*
[WI301-S(@)] Collective Decision-Making with Intrinsic Explanations in Open Cyber-Physical Systems *Miriam ZAWADI MUCHIKA*	[WI269-S] REKGN: Relation-Enhanced Knowledge Graph Embedding Networks for Recommender Systems *Cheng Chu and Jenq-Haur Wang*	[WI274-L(@)] Semantic Evaluation of Text Clustering Without Ground Truth Using Large Language Models *Sami Guembour, Catherine Dominguès, and Sabine Ploux*	[B251-S] The Centromedian Thalamic Nucleus as Center of the Consciousness Vortex Model: A Hypothesis *Zhaole Sun*

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Conference Sessions and Presentations
Saturday, the 5th December

Time	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
08:30-09:30	**[BI Keynote] Professor Pankaj Sah, Fellow of the Australian Academy of Science, The University of Queensland, Australia (Chair: *Yan Li*)**				
09:30-10:30	**[WI-IAT Keynote] Securing the Web: From Real-World Vulnerabilities to Post-Quantum Cryptography Professor Willy Susilo, Fellow of IEEE, Fellow of IET, Australian Laureate Fellow, The University of Wollongong, Australia (Chair: *Xujuan Zhou*)**				
10:30-10:45	**Morning Tea**				
10:45-12:30	**WI-IAT'26 Session 7 Intelligent Web Services and Language Models Chair: *Jianming Yong***	**WI-IAT'26 Session 8 AI Agents and Intelligent Recommendations Chair: *Yu Suzuki***	**WI-IAT'26 Session 9 Data Analysis and Human Behavior Chair: *Xujuan Zhou***	**BI'26 Session 3 Machine Learning for Brain and Health Analysis Chair: *Maryam Doborjeh***	**BI'26 Abstract Session I Posters & 3-mins Pitches Chair: *Jing Meng***
	[WI297-L] Hierarchical API Selection for Requirements-Driven Service Composition *Shinichi Nakagawa and Yohei Murakami*	[WI237-L] Hierarchical ReAct: Mitigating LLM Agent Degradation in Long-Horizon Tasks and Building a Dataset with Reduced Test Contamination *Hidenori Itaya and Masaki Hamamoto*	[WI277-L] Structural Asymmetry in Embedding-Space Neighborhoods for Diagnosing Task Structure *Tatsuya Yamamoto*	[B249-L] A Generative–Discriminative Fusion Framework for Explainable Image Classification with Application to Brain MRI *Juan D Velasquez, Junwei He-Mai, Yong Zhang, Ingeborg Lopez-Liberona, and Ram Sarkar*	• [S03202] High-Precision Whole-Brain Spatial Localization by Quantitative Feature Selection: From Visibility Census to Influence Tensor *Xin Lu, Jie Luo, Yuegang Wang, and Zhao Feng*

[WI303-L] CNP-Based LLM Multi-Agent Systems for Composite Service Recommendation
Yuki Tobisawa and Yohei Murakami

[WI227-S(@)] Behavior-Aware Aggregation and Graph Attention Fusion Network for Multi-Behavior Recommendation
Chuang Shi, Yong Xu, Cheng Li, Shenglan Liao, Jianfeng Sun, and Qun Fang

[WI286-L] Can We Trust Gaze? A Reliability and Fairness Study of Webcam Gaze Estimation in Online Learning
Jumana Alqudah, Towhidul Islam, Nuren Nafisa, Nuha Abadi, David J. Brown, and Mufti Mahmud

[B229-L] Correlation-Based Structural MRI Analysis and Machine Learning for Characterizing Autism Spectrum Disorder
Hrithika Usha, Sandeep Singh Sengar, and Jac Fredo Agastinose Ronickom

• [S03203] Multimodal Image-Guided Stereotactic Localization of the Mouse Brain Based on STAM
Hongqin Liu, Anan Li
• [S03204] A stereotaxic brain knowledge graph for integrating heterogeneous neural-circuit evidence
Xiaonan Ge, Zhao Feng, and Jie Luo

[WI376-L] Lightweight Ban Prediction in YouTube Live-Stream Chat: Per-Genre Feature Selection and Automatic Genre Assignment
Ryotaro Hamada, Yohei Kobashi, Hiroto Sudo, and Yutaka Matsuo

[WI263-S] Towards Constraint-Aware Opportunity Architecture: A Modular Framework for Compliant and Explainable Nascent Research Grant Recommendation
Naif N. Alotaibi, Madhushi Bandara, Morteza Saberi, and Farookh Hussain

[WI356-L] DiTo-HSS: Long-Context Diartization via Token-Grounded Hybrid State Spaces
Fengchi Wang, Jiashu Zhao, and Yang Liu

[B264-L] Decision Voting Based Multiscale Convolutional Learning of Brain Networks
Deep Sekhar Ghosh, Kinnar Halder, and Sanjay Ghosh

• [S03205] Multimodal Self-Supervised Learning of Brain Spatial Representations
Rou Li
• [S03206] PGRMamba: Geometry-Guided State Space Models for 3D Soma Detection in Large-Scale Whole-Brain Images
Zibin Cai, Rou Li, Yan Jiang, Jiamin Lin, Qingming Luo, Anan Li, and Chi Xiao

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[WI292-S] Account Level Community Notes History for Autonomous Judgment: A Source History Nudge
Yuki Horikawa, Fujio Toriumi, Kazuhiro Ito, and Atom Sonoda

[WI264-S] Constraint-Aware Decoupled Reasoning for Safe LLM-based IoT Control
Nanami Takita and Donghui Lin

[WI278-S] Similarity Measurement for Event Tree
Daisuke Machizawa and Yasunobu Sumikawa

[B245-S] Joint Phase-Amplitude Connectivity Modeling of EEG Signals for MDD Classification
Soujanya Hazra, Sohini Gupta, Kinnar Halder, and Sanjay Ghosh

• [S03207] A mouse brain atlas based on dendritic microenvironments
Yufeng Liu and Yukai Yang
• [S06202] Attentional Bias Toward Emotional Faces in Gelotophobe and the Effects of Social Exclusion: The Biopsychosocial Model
Shuo Wang, Junwen Mo, Yang Yang, Xiangjun Xu, and Junjia Shi

[WI300-S(@)] Benchmarking Small Language Models on Answer Selection Tasks
Chang Nian Chuy, Chen Ding, and Vivian Hu

[WI307-S] An End-to-End Agentic Framework with Graph Attention Networks for Detecting and Explaining Behavioral Polarization in Online Communities
Bahareh Rahmatikargar and Aijun An

[WI304-S] Simulating Strategies for Defense Against Brand-Targeted Online Disinformation
Bryan Boots

[B248-S] Perseveration as Supercriticality in a Valence-Weighted Hawkes Model of Sensorimotor Cognition
Rafik Hadfi

• [S06203] Designing Positive Healthcare Environments to Foster Harmonious Doctor - Patient Communication: The Roles of Positive Distraction and Perceived Control in a Virtual Reality Experiment
Luxi Wang, Mengyao Zhao, and Yidi Chen

	[WI341-S(@)] Test-Time Pre-Image Optimization for Kernel-Based Emotion Steering in Large Language Models *Takumi Tachiya and Takayasu Fushimi*	[WI347-S] Agentic CBR-RAG Workflow for Household Financial Advice Generation *Julian Miwa, Da Li, Tadahiko Kumamoto, and Yukiko Kawai*	[WI228-S(@)] Reward-Punishment Sensitivity Inference from Users' Behavior via Online Learning *Sabrina Villata, Federica Cena, and Charles Bouveyron*	[B262-S] DE-CGAN: Targeted Synthetic Augmentation of Difficult Feature Regions for rTMS Response Prediction *Matthew Squires, Xiaohui Tao, Thanveer Shaik, Soman Elangovan, Haoran Xie, and Jianming Yong*	
12:30-13:30	**Lunch**				
13:30-15:30	**WI-IAT'26 Session 10 Multimodal Systems and Trustworthy Agents Chair: *Yohei Murakami***	**WI-IAT'26 Session 11 Human-Centered and Trustworthy AI Chair: *Bahareh Rahmati***	**WI-IAT'26 Session 12 Applied Machine Learning Chair: *Hongzhi Kuai***	**BI'26 Session 4 Brain Decoding and AI Chair: *Hrithika Usha***	**BI'26 Abstract Session II Posters & 3-mins Pitches Chair: *Chi Xiao***
	[WI222-L] Pillar-level Multimodal Fusion for Efficient LiDAR–Camera 3D Object Detection *Sanghee Suh, Pavithra. M. Girithimmappa, Xiaotong Wu, Le Shen, and Ahmed Hambaba*	[WI235-L] Vague Urgency is Action-Grounded: Calibrating LLM Temporal Interpretations to Human Judgment *Yu Suzuki, Ryota Dakie, Tadahiko Kumamoto, and Akiyo Nadamoto*	[WI348-L] Deep Autoencoder-based Data Compression for Electrical Load Analysis on IoT Devices *Mazen Bouchur and Andreas Reinhardt*	[B227-L] Geometric Eigenmodes Enable Accurate Brain Decoding of Motor Imagery *Hongfei Zhang, Changhong Jing, Yong Hu, Michael Kwok-Po Ng, and Shuqiang Wang*	• [B234-ABS] Dissociating Implicit Wanting and Liking for Shopping-Related Stimuli in High Hoarding Tendencies *Yuqi Sun, Wenlan Xie, and Chuanbang Chen* • [B217-ABS] Partner Visibility and Physical Co-Presence Shape Distinct Neural Signatures of Social Decision-Making *Kawin Yamtuan, Paisit Khanarsa, Sirawaj Itthipuripat, and Thitaporn Chaisilprungraung*
	[WI351-L] Trust Computation for Software Supply Chains *Audun Jøsang, Nataša Trkulja-Surudžić, and Yue Xu*	[WI293-S] Who Reviews the AI? The Critical Collaboration Ladder for Human-AI Symbiosis *Diana Nurbakova and Liana Ermakova*	[WI226-S] Data Efficiency and Morphology-Sensitive Augmentation for Wafer Map Defect Classification *Sanghee Suh, Young Suh, and Chang Choo*	[B228-L] Open-Vocabulary EEG-to-Text Decoding with FiLM-Based Rapid Subject Adaptation and Uncertainty-Aware Generation *Sachith Jayalath and Fouzul Hassan*	• [B216-ABS] Decoding 3D Upper-Limb Motor Imagery Trajectories from EEG Using Motor Execution Transfer Learning and Privileged IMU Information *Thitaporn Chaisilprungraung and Suparach Intarasopa* • [S05203] Protocol-specific psychological susceptibility of transcranial electrical stimulation for pain modulation *Xinxin Lin and Weiwei Peng*

[WI260-S] From Pixels to Places: A Screen Vocabulary for Screen-Aware Agents *Alles Rebel, Nikil Dutt, and Bryan Donyanavard*	[WI294-S] Toward Human-Centric Ontology Grounded Explainable AI Framework with Large Language Models *Mostaqim Murshed, Madhushi Bandara, and Ambreen Hanif*	[WI248-S] VAD Lexicon-Guided Data Augmentation with Dual Contrastive Learning for Aspect-Based Sentiment Analysis *Chenhao Ke, Haoran Xie, and S. Joe Qin*	[B222-L] Improving Class Imbalanced Cancer Subtype Classification Using Cascading Models: A Review *Markian Jaworsky, Thanveer Shaik, Xiaohui Tao, Jianming Yong, Ji Zhang, and Shiva Raj Pokhrel*	• [B267-ABS] Incremental Multi-Source Seizure Detection with EEG Foundation Models *Jun-Mo Kim and Tae-Eui Kam* • [B215-ABS] Wearable Contactless Around-Ear and Research-Grade Whole-Scalp EEG Reveal Convergent Neural Signatures of Stress and Mindfulness *Sirawaj Itthipuripat, Pachaya Sailamul, Suparach Intarasopa, Waraset Wongsawat, Sittha Preedapirat, Abbie Pongpat, Thitikorn Kaewlee, Sarawin Khemmachotikun, Chitpol Mungprom, Barry Giesbrecht, and Stephanie Nelli*
[WI323-S] Unsupervised Multimodal Discovery of Cognitive Load States During Web Interaction *Pía Antiquera and Juan Velásquez*	[WI379-S] Understanding User Critical Thinking in Retrieval-Augmented Generation *Petra Dadić and Liana Ermakova*	[WI305-S] Short-term Intent-aware Contrastive Learning for Sequential Recommendation *Keita Matsunaka, Yoshiyuki Sone, Yihong Zhang, and Takahiro Hara*	[B257-L] Stimulus-Anchored Cross-Modal Alignment for Subject-Independent Emotion Decoding from Two-Channel Consumer EEG *Subhash Gurappa, Thejaswini M S, Sundararaj Iyengar, and V.N. Manjunath Aradhya*	• [S05204] NGI-Net: A Multimodal Neural Framework with Clinical Context for Autism Spectrum Disorder Screening *Hongliang Sun, Hongbin Dai, and Shaoguo Cui* • [S05205] Distinguishing Love Using Pain-Related EEG *Jingyang Yu, Tianze Wang, Junyu Wu, Jiayi Shi, Rong Huang, Xingyu Zhou, Jiejun Xie, and Jing Meng*
[WI393-S] The Cloud Threat Landscape: Identity Compromise, Misconfiguration, API Abuse, and Software Supply-Chain Risk *Rejaul Mazumder and Jianming Yong*	[WI358-L(@)] Tide: Trustworthy and Interpretable Battery Degradation Estimation with Contextual Learning and Symbolic Distillation *Wen Yang Tan, Jiawei Li, Fang Liu, Wei Zhang, Sumei Sun, Peng Cheng Wang, and Elisa Y. M. Ang*	[WI394-S] An Extended RFM Model for Customer Value Analysis in the Live Streaming E-commerce: Integrating Engagement, Consumption Breadth, and Return Behavior *Zhangguang Wu*	[B244-L(@)] Neurofeedback-Readiness Evaluation for Motor-Imagery BCI: A Reproducible Cross-Dataset Brain-Informatics Framework *Priyanka Pawar, Nilima Kulkarni, and Priyanka Jain*	• [S05206] A Resting-State EEG Resource for Young Adults with ADHD *Tianze Wang, Jingyang Yu, and Jing Meng* • [S05207] An Intrinsic Geometric Regression Framework for Brain Connectivity in Special Populations *Fanghong Zhang and Yinan Lin*
[WI361-L(@)] PQTrust-Agent: Policy-Compiled Post-Quantum Trust Contracts for Web-of-Agents Communications *Yulliwas AMEUR, Insaf Imene Lasledj, and Samia Bouzefrane*	[WI359-L(@)] Local Evidence Modeling for Multi-view Food Nutrition Estimation: Surface Residual Calibration and Density Slot Aggregation *Ningxuan Ma and Xiaofeng Zhang*	[WI290-L(@)] RooseBERT: A New Deal For Political Language Modelling Deborah Dore, Elena Cabrio, and Serena Villata	[B259-L(@)] Efficient Motor Imagery Communication in Arabic BCI Spellers via Large Language Models *Fady Faragallah, Mahmoud Khalil, and Seif Eldawlatly*	

	[WI365-S(@)] Trust improvement through adaptive changes in agents' socio-emotional behavior in decision-making situations *Yoshimasa Ohmoto, Masato Kuno, and Toyoaki Nishida*	[WI316-S(@)] Human-Centric Collaborative Intelligence (HCCI): A Web-of-People Paradigm for Trustworthy Human–AI Collaboration in Digital Healthcare *Kireet Joshi, Jianming Yong, and Yahua Zhang*	[WI343-L(@)] Beyond Text: Multimodal LLM-based Sequential Recommendation *Kavach Dheer*
15:30-15:45	**Afternoon Tea**		
15:45-17:00	**AI 70th Anniversary Panel Discussion**		
18:30-21:30	**Banquet & Award Ceremony (Sky Room & Terrace, Brisbane Convention & Exhibition Centre)**		

Program Legend

- **L** — Long or regular presentation: 15 minutes for the presentation, followed by 5 minutes for questions and answers.
- **S** — Short presentation: 12 minutes for the presentation, followed by 3 minutes for questions and answers.
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Conference Sessions and Presentations
Sunday, the 6th December

Time	Podium 1	Podium 2	Podium 3	Podium 4	Podium 5
09:00-10:45	**WI-IAT'26 Session 13** **AI for Language, Vision and Retrieval** **Chair: *Masanao Ochi***	**WI-IAT'26 Session 14** **Language Models: Privacy, Security and Applications** **Chair: *Chenxi Yuan***	**WI-IAT'26 Session 15** **Trustworthy Machine Learning and Applications** **Chair: *Yuting Zhu***	**BI'26 Session 5** **AI and Brain Informatics** **Chair: *Mufti Mahmud* (@)**	
	[WI374-L] FragilityLens: From Family-Specific Text-Veracity Diagnosis to Coverage-Aware Defensive Rewriting *You-Zhen Su and Cheng-Te Li*	[WI265-L] Semantic Masking and Context-Aware Quotation-RAG for Privacy-Aware Personalized Dialogue with a Historical Figure *Tetsuya Kitahata, Kazuhiro Seki, and Akiyo Nadamoto*	[WI313-S] Adaptive Membership Inference Attacks for Privacy Auditing of Machine Unlearning in Federated Healthcare Systems *Sadia Qureshi, Thanveer Shaik, Xiahoui Tao, and Jianming Yong*	[B204-L(@)] Neuro-AI Information Processing Framework: Integrating Human Brain Cognition with Artificial Intelligence *Kireet Joshi, Jianming Yong, and Yahua Zhang*	
	[WI360-S] DBCPNet: A Physics-Aware Network with Dual-Branch Cross-Prior Guidance for Low-Light Image Enhancement *Wenqin Miao, Shaodong Zhao, and Zehua Chen*	[WI373-L] Probing, Patching, and On-Demand Activation Steering of Piece-in-Hand Representations in Shogi-GPT *Takumi Kato, Yuko Sakurai, Masato Kikuchi, Tadachika Ozono, Masato Shinoda, and Satoshi Oyama*	[WI232-S] When Fluency Masks Failure: A Theory of Mind Model of Error Detection in Machine Translation Post-Editing *Diana Nurbakova and Liana Ermakova*	[B209-L(@)] Quantum-Inspired Spatial-Aware Graph Diffusion for EEG Source Extent Reconstruction *Shihao Yang, Guoan Wang, Jun-En Ding, Shouyi Wang, and Feng Liu*	
	[WI389-L(@)] Leakage-Aware Evaluation of Retrieval-Augmented Rare Disease Diagnosis over Biomedical Linked Data *Larbi Mohammed Achraf, Mezrar Samiha, Klouche Badia, Pons Olivier, and Kornyshova Elena*	[WI319-S] Optimizing the Mechanistic Privacy-Utility Trade-off via Neuron Activation Suppression in Large Language Models *Tazeem Ahmad, Xiaohui Tao, Jianming Yong, Thanveer Shaik, and Yuefeng Li*	[WI397-S] Validation of Knowledge Discovery and Machine Learning Results: A Review *Ammar Elnour, Wencheng Yang, Yan Li, and Kaize Shi*	[B224-L(@)] GEM-Connect: Personalized Structure-Function Connectome Translation via Genetic Mixture-of-Experts *Yaokai Yang, Nan Zhao, Yanjun Lyu, Jinchen Gu, and Lu Zhang*	

	[WI350-L(@)] Extending the Discrete Key-Value Bottleneck for Continual NLP *Paul Böck, Julia Fellmeth, Ilja Sukhanov, and Ansgar Scherp*	[WI231-S(@)] Evaluating Indirect Prompt Injection in RAG Systems: Defense-in-Depth, Retrieval Effects, and Security–Utility Trade-offs *Yulliwas AMEUR, Miqeas Pedro Mendes, Samia Bouzefrane, and Lyes Khoukhi*	[WI268-S(@)] Evidence-Grounded Review Intelligence for Inspectable E-Commerce Knowledge Discovery *Nanzhu Yin, Liam Xu, Yaxuan Zhang, Zhuoer Yuan, and Chengzu Dong*	[B258-L(@)] Cross-session Neural Data Augmentation using Demixed Principal Component Analysis for Population Decoding *Pierre Attya, Benjamin Goolsby, Bassem Abdullah, Seif Eldawlatly, and Karim Oweiss*	
	[WI254-S(@)] CASER: Cost-Aware Selective Enhancement for Conversational Retrieval *Liang Cheng*	[WI355-S(@)] DeepBac: Curriculum-Grounded LLM Tutoring for the Algerian Baccalaureate via RAG and Deep Knowledge Tracing *Belkacem Achraf Zaghez, Nour El Houda Ben Chaabene, Laid Kahloul, and Imane Youkana*	[WI284-L(@)] Machine Learning-Based Predictive Scheduling for CI/CD Pipelines in Microservice Architectures *Maryem Mechraoui, Thouraya Louati, and Heithem Abbes*	[B254-S(@)] OmniCell-Brain: A Continually Pretrained Human Brain Transcriptomic Foundation Model for Single-Cell Annotation, Spatial Deconvolution and Alzheimer's Disease Analysis *Youzhe He, Jingxi Zhi, Jiangshuan Pang, Mingkai Chang, Wangyang Tang, Jianwei Zhang, Lei Han, and Lifang Wang*	
	[WI281-S(@)] A Frequency-Selective Closed-Loop Enhanced DEIM Framework for Small-Target Detection *Ziming An, Pengyu Liu, Kebin Jia, Zhonghua Sun, Zhe Li, and Jinchao Feng*	[WI258-S(@)] Mentalising Depth in Teacher Discourse:\\What AI Classifiers Collapse and What It Predicts *Diana Nurbakova and Duaa Baig*	[WI262-S(@)] AEGIS: Gradient Immunization via Spectral-Aware Adaptive Noise for Secure Decentralized Federated Learning *Lam Tran, Hai Lam Duong, Tuan Kiet Phan, and Thao Nguyen-Thi-Ai*		
10:45- 11:00	**Morning Tea**				
11:00- 12:30	**WI-IAT'26 Session 16 Language Models and Structured Data Chair: *Hongzhi Kuai*** [WI276-L] LLM-Guided Negotiation Strategy for Decentralized Multi-Agent Supply Chain Management *Hajime Endo and Katsuhide Fujita* [WI344-L(@)] Enhancing LLM Kinematic Problem Solving via Vectorization of Bitmap Graphs *Frank Tan, Isaac Huang, and Jimmy Huang*	**WI-IAT'26 Session 17 Multi-Agent Systems and Applications Chair: *Yang Liu* (@)** [WI329-L(@)] Diagnosing Multi-Agent Routing under Information Asymmetry: A Layered Analysis of Routing–Answer Decoupling *Chun-Ru Yen, Cheng-Ru Wei, Wei-Po Lee, and Chih-Chiang Wang* [WI334-L(@)] A Real-Time Multi-Agent Software Architecture for Sensor-Driven Fault Management in Zero-Touch 6G Access Networks *Sahil Yadav*	**WI-IAT'26 Session 18 Intelligent Web Systems and Language Models Chair: *Fengqi Wang*** [WI386-L] Planner as Guarantee, LLM as Refinement: A Neuro-Symbolic Agent for Natural-Language Control of Web Applications *Roman Neruda, Martin Bakoš, and Ondřej Neruda* [WI342-L(@)] Retrieval-Based Natural-Language Device Discovery in the Web of Things *Muhammad Ashfaq, Muhammad Shahzad Khan, Ahmed Sadik, Niko Mäkitalo, and Tommi Mikkonen*	**BI'26 Session 6 AI for Brain and Mental Health Chair: *Thanveer Shaik*** [B246-L] Uncertainty-Aware Suicide Risk Detection on Social Media via Deep Label Smoothing *Matthew Squires, Xiaohui Tao, Thanveer Shaik, Soman Elangovan, Haoran Xie, and Jianming Yong* [B250-S] Data Scarcity Mitigation in Federated EEG Dementia Classification Using Quantum Circuit Born Machines *Muhammad Umair, Bo Song, and Paul Wen*	**WIC Steering Committee Meeting (in-camera)**

	[WI349-L(@)] Metrics for Summaries over Temporal Graphs *Farnaz Banaeian Telki, Justin Mücke, Ansgar Scherp, and David Richerby*	[WI221-S(@)] Control-Plane Instrumental Convergence in Agent Coalitions *Ondrej Rozinek*	[WI372-L(@)] Experimental Evaluation of the Capability of LLMs in Solving Problems in the Programming Category of the Brazilian Olympiad in Informatics *Victor Hugo Silva Ângelo, Ricardo V. A. Fernandes, Lucas H. S. Anchieta, Matheus R. S. Nascimento, and Evandro de B. Costa*	[B238-L(@)] Conversational AI for Perceived Cognitive Decline Screening in Older Adults *Nikita Gautam, Doina Caragea, Moana Sargent, Kaitlyn Sievers, Ashley Sylvara, Heather Bailey, and Tianjun Sun*	
	[WI306-S(@)] A Study in Structures: Evaluating Large Language Models Against the Perturbed Tabular Web *Jamie Morales and Qinmin Vivian Hu*	[WI338-S(@)] Beyond Feature Fusion: Adaptive Multi-Agent Credibility Reasoning for Misinformation Detection *Orion Rydalch and Yiu-Kai Ng*	[WI383-S(@)] The Phantom Web: Uncovering Hidden Ties in the Web of Data and People *Carson Leung and Adam Pazdor*	[B242-S(@)] Detection of Changes in Electroencephalogram during Motion-Induced Blindness *Nabil Bakri, Foaad ALZOOR, and Zafer İŞCAN*	
	[WI362-S(@)] Structured LLM Reasoning for Clinical Data Quality Assessment in Web-Based Health Ecosystems: A Case Study on Tumor Board Reports *Titouan Hinschberger, Nasredine Cheniki, Sajda Orellana, Annaelle Jean-Baptiste, Hiba Djebabria, C. Lefebvre, E. Dorval, R. Chautard, E. Douard-Tournet, D. Chavignier, J.L. Briand, P. Giraud, P. Laplaige, Nizar Messai, Thierry Lecomte, and Yacine Sam*	[WI369-S(@)] PDAS-F: A Planning-Driven Multi-Agent System for Conversational Form-Filling in Web-Based Administrative Services *Pedro Henrique Diniz, Luís Paulo Reis, and Henrique Lopes Cardoso*		[B260-S(@)] A Mixed-Effects Architecture for P300 Scenario Analysis with Principled Epoch Aggregation *Adwait Patkhedkar, Komal Tarachandani, and Kiran Talele*	
12:30-13:30	**Lunch**				
13:30-15:30	**WI-IAT'26 Session 19** **Multimodal AI and Emotion Recognition** **Chair: *Jenq-Haur Wang***	**WI-IAT'26 Session 20** **Graph Learning and AI Evaluation** **Chair: *Ondrej Rozinek* (@)**	**BI'26 Workshop Special Session (Invited Talks)** **Chair: *Feng Zhao***	**BI'26 Session 7** **Human-Centered AI and Digital Wellbeing** **Chair: *Sirawaj Itthipuripat***	**IEEE TCII Executive meeting (in-camera)**
	[WI275-L] Dataset construction pipeline for vis+B19:B24ual speech recognition with automatic labels *Shunsuke Ogawa, Keiichiro Oishi, and HIroyuki Nakagawa*	[WI371-L(@)] Judge Choice Systematically Moves Cognitive-Bias Benchmark Scores: Evidence from CogBias-MT *Einosuke Inui and Yoshihisa Fukuhara*	[Invited Talk (40mins)] George Paxinos, Neuroscience Research Australia The Workshop on Informatics Methodologies for Spatially Localizing Miscellaneous Brain Information and Knowledge	[B231-L] The Impact of Long-Term Exposure to Short-Form Video Content on Neurophysiological Responses *Pratima Yadav, Chetan Rakshe, John Thomas, Rajamanickam Yuvaraj, Karthick PA, and Jac Fredo Agastinose Ronickom*	

	[WI233-L)] Dialogue-Level Multimodal Emotion Recognition with Valence–Arousal Guided Affective Supervision *Bisma Ayaz, Xiaoying Gao, and Bing Xue*	[WI285-S(@)] X-MGTNet: A Hybrid Graph-Transformer Framework and Survey for Population-Level Multimodal Learning in ASD Neuroimaging *Sirine NAIFAR, Rim Douss, imed riadh farah, and Akrem SELLAMI*		[B252-L(@)] Self-Aware Conversational Agentic AI: Modelling Self-Regulation of Empathic Responding Based on Multilevel Causality Reification *Saffron Okubmikael, Nimat Ullah, and Jan Treur*
	[WI250-L(@)] How Many Repairs Are Enough? Bounded Self-Repair for LLM-Generated ETL Workflows *Abubakari Alidu, Michele Ciavotta, and Flavio De∼Paoli*	[WI245-S(@)] OWL Consistency Checking with Logical Neural Networks *Luis Vincent Niederberger and Ansgar Scherp*	[Invited Talk (40mins)] Spation-Temporal Brain Data Modelling using Brain-Inspired Spiking Neural Networks *Maryam Doborjeh, Auckland University of Technology, New Zealand* The Special Session on Spatio-Temporal Brain Data Modelling: New Approaches to Understanding Brain Dynamics	[B213-L(@)] GoOut: AI-Integrated Framework for Hyper-Local Discovery and Sustainable Social Exploration *Vamsi Krishna, Bhukya Sunil, Kota Bharat Sai, and Dr Anoop Jacob Thomas*
	[WI257-S(@)] ERC-SE: Speaker Sketch and Emotion Dynamics Supervision for LLM-Based Emotion Recognition in Conversations *Wenming Zhang, Haoran Xie, and S. Joe Qin*	[WI283-L(@)] DAGCF: Distance-aware Graph Collaborative Filtering *Yu-Shiang Huang, Shih-Yang Liu, Chin-Ying Lin, Cheng-Wei Lin, and Chuan-Ju Wang*		[B220-L(@)] Can chatbots be informative on the user interactions? Toward optimisation of interactive design of AI Chatbots *Sasha Mahdavi Hezavehi, Jianming Yong, Jun Shen, Dongming Xu, and Brian Yecies*
	[WI272-S(@)] Reproducible Framework for Embedded AI Experimentation Across Heterogeneous MCU Architectures *Sara Macedo, Eva Maia, and Isabel Praça*	[WI243-S(@)] Chimaera: A Mixture-of-Graph-Experts for Graph Foundation Models *Jonatan Frank, David Richerby, and Ansgar Scherp*		[B201-S(@)] A critical review of privacy and security challenges in electronic health systems *Zual Cangmah and Jianming Yong*
	[WI345-S(@)] A Feature-oriented Tensor Decomposition Method for Enhanced QoS Prediction with Limited Data *Sheng Chai, Hossam S. Hassanein, and Wenying Feng*	[WI244-S(@)] Consistency Checking of OWL Ontologies using Graph Language Models *Justin Mücke and Ansgar Scherp*		[B202-S(@)] Privacy and security in electronic healthcare systems: a quantitative study of patients and healthcare professional's experiences *Zual Cangmah and Jianming Yong*
	[WI229-S(@)] LAD-KD: Latent Dialect-Aware Knowledge Distillation with Dynamic Adapter Modulation for Arabic Hate Speech Detection in Social Media *Rim Mahouachi and Imen Abbassi*	[WI364-S(@)] Early rumor detection: Evaluating the effectiveness of graph neural networks *Douglas Melo dos Santos, Elaine Ribeiro de Faria Paiva, and Fabíola Souza Fernandes Pereira*		
15:30-15:45	**Afternoon Tea**			
15:45-16:50	**WI-IAT'26 WS Session 5** **Chair: *Zehua Chen***	**WI-IAT'26 WS Session 6** **Chair: *Min Pan***	**WI-IAT'26 WS Session 7** **Chair: *Thitaporn Chaisilprungraung***	**BI'26 Workshop Session 2** **Chair: *Jing Meng***

[S08202-L] A Tiered, Multi-tool Faithfulness Validation Protocol for CoT-based IDS in Next Generation Network Cores *Nasibeh Rahbar-Nodehi, Jouni Isoaho, Seppo Virtanen, Tahir Mohhammad, and Andrzej Janusz*	[S02219-AI&CS-L] Set-aware Dense Passage Retrieval for Relevance-preserving Retrieval Diversification *Mao Wang, Qi Wang, Xiaoxiao Liu, Zhiyuan Zhou, Shaoxiong Feng, ZuHua Chen, Sixiang Zhang, and Min Pan*	[S03207-IDP-L] Recommender Systems based on Generative Adversarial Networks and Mutual Information Maximization *Shou-Yuan Liu and Jenq-Haur Wang*	[S05201-BIMSP-L] AI-Assisted Classification of Children with ASD: A Review of Brain Data–Driven Studies *Zixian Zhao, Hongzhi Kuai, Junyu Wu, Jingyang Yu, and Jing Meng*
[S13201-CWIW-L] DFLC-DETR: Dual-Stage Frequency Enhancement and Local-Context Refinement for Traffic Object Detection *Boyang Jing, Xiyao Xiao, Shaozhen Wang, Lianghao Xu, and Zehua Chen*	[S02221-AI&CS-L] Knowledge-Augmented Query Expansion via Large Language Models and Pseudo-Relevance Feedback *Yuting Yuan, Xiaoxiao Liu, Qi Wang, Can Luo, and Min Pan*	[S03208-IDP-L] A Hybrid Multi-Scale Framework for Network-Free Sentinel Selection in Epidemic Surveillance *Yunquan Gu, Yu Chen, Benyun Shi, and Qi Tan*	[S05202-BIMSP-L] AI-assisted classification based on brain data of children with ADHD *Yuxi Sun, Jing Meng, Rong Huang, Jiayi Shi, and Hongzhi Kuai*
[WI217-WIAA-L] AI SaaS Copyright Policy And Open Source Related Vulnerabilities *Anunaya Sinha and Jianming Yong*	[S17202-AILMLBR-L] ConSS: Improving Motor Imagery Classification with Convolutional Squeeze-Excitation Spiking Networks and Diffusion-Based Data Generation *Duc Thien Pham and Roman Mouček*	[S10202-GAI4Neuro-L] Fairness Verification of Machine Learning Models in Alzheimer's Disease Progression Prediction *Chenan Wang, Hanwen Li, Jinhao Duan, Tianlong Chen, Kaidi Xu, and Chenxi Yuan*	[S08202-IBI-BIBC-L] A Deep Dictionary Learning Method for Brain Fingerprinting from fMRI Connectivity *Rickarya Das, Yashaswini Chand, and Sanjay Ghosh*
16:50-17:00	**Closing Ceremony (Chair: *Xiaohui Tao*)**		

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