



WI-IAT 2025

24th International Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT'25)

15-18 November 2025 | London, UK

<https://www.wi-iat.com/wi-iat2025/>

Conference Programme

Hosted by:



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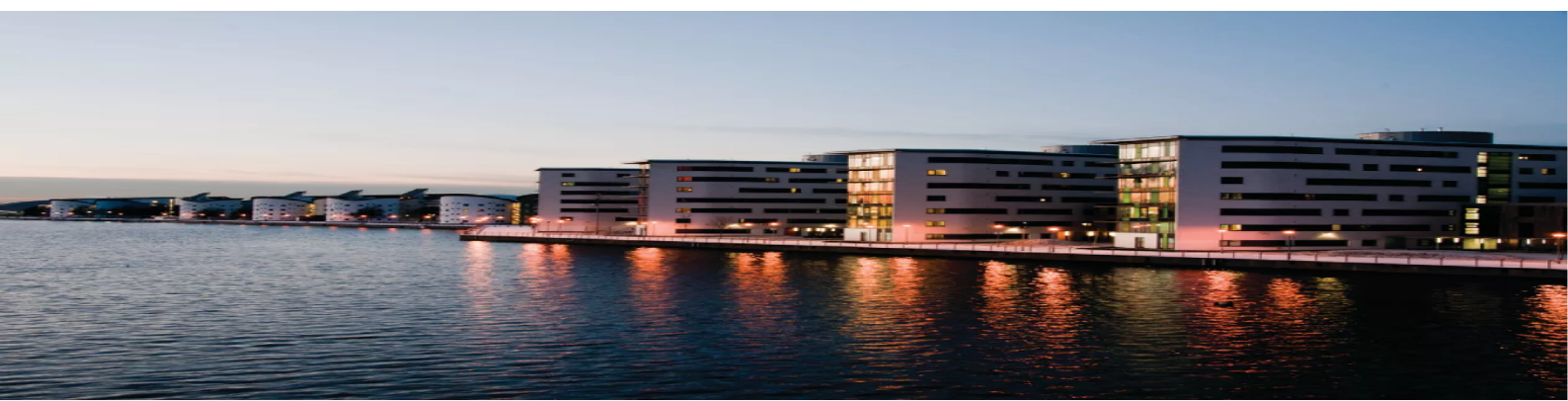
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PROGRAMME AT A GLANCE

All times are in GMT (unless otherwise stated)

SATURDAY | 15 NOVEMBER 2025

TIME	WB.G.02	WB.2.11	WB.2.12	WB.2.13	WB.2.14	WB.2.15
09:00–18:00	REGISTRATION (WB.G.01)					
10:00–10:30	CONFERENCE INAUGURATION (WB.G.02)					
10:30–11:30	KEYNOTE 1: PROF. MICHAEL WOOLDRIDGE (WB.G.02)					
11:30–11:45	WIC OUTSTANDING RESEARCH AWARD CEREMONY (WB.G.02)					
11:45–12:15	COFFEE BREAK (WB.G.01)					
12:15–13:30		S11 – WEB OF PEOPLE	S12 – WEB OF DATA	S13 – WEB OF THINGS	S14 – WEB OF AGENTS	
13:30–14:30	LUNCH (WB.G.01)					
14:30–15:30	KEYNOTE 2: PROF. NADIA BIANCHI-BERTHOUZE					
15:30–17:00	1 ST INTERNATIONAL WORKSHOP ON ARTIFICIAL INTELLIGENCE FOR REAL-WORLD CHALLENGES (AI4RWC)	S15 – WEB OF PEOPLE	S16 - WEB OF DATA	S17 – WEB OF AGENTS	S18 – WEB OF TRUST	6 TH INTERNATIONAL WORKSHOP ON AI FOR SOCIAL GOOD IN THE CONNECTED WORLD (AI4SG)
17:00–18:00		SHORT PAPER SESSION – I	SHORT PAPER SESSION – II			
18:00–19:30	WELCOME RECEPTION (Venue: UEL)					

SUNDAY | 16 NOVEMBER 2025

TIME	WB.G.02	WB.2.11	WB.2.12	WB.2.13	WB.2.14
08:30–18:00	REGISTRATION (WB.G.01)				
09:00–10:00	KEYNOTE 3: PROF. GEORG GOTTLOB (WB.G.02)				
10:30 – 11:30	PANEL DISCUSSION ON WEB INTELLIGENCE 3.0 IN THE AGE OF GENERATIVE AGENTS: FROM LLMS TO EMBODIED, SOCIALLY INTEGRATED INTELLIGENCE (WB.G.02)				
11:30–13:00	4 TH INTERNATIONAL WORKSHOP ON ETHICAL AI (ETHICAL)	S21 – WEB OF PEOPLE	S22 – WEB OF DATA	S23 – WEB OF DATA	
13:00–14:00		LUNCH (WB.G.01)			
14:00–15:00	KEYNOTE 4: PROF. YUKIO OHSAWA (WB.G.02)				
15:00–16:30		S24 – WEB OF DATA	S25 – WEB OF DATA	S26 – WEB OF DATA	9 TH INTERNATIONAL WORKSHOP ON AFFECTIVE COMPUTING & EMOTION RECOGNITION (ACER-EMORE)
16:30–17:00		COFFEE BREAK (WB.G.01)			
17:00–17:15					
17:00–18:00		SHORT PAPER SESSION – III	SHORT PAPER SESSION – IV		
18:00–21:00	BANQUET & AWARD CEREMONY (Venue: Tereza Joanne. Albert Island. London. E16 2QY)				



PROGRAMME AT A GLANCE

MONDAY | 17 November 2025

TIME	WB.2.11	WB.2.12	Online	Online
09:00–10:00	INTERNATIONAL WORKSHOP ON WEB INTELLIGENCE MEETS BRAIN INFORMATICS	1 ST INTERNATIONAL WORKSHOP ON SUSTAINABLE AI FOR ADDRESSING ONLINE INFORMATION DISORDER (SAI4OID)	1 ST INTERNATIONAL WORKSHOP ON AI FOR MULTIMODAL LEARNING AND APPLICATIONS	
10:00–11:00			INTERNATIONAL WORKSHOP ON ARTIFICIAL INTELLIGENCE FOR HEALTH INFORMATICS	INTERNATIONAL WORKSHOP ON AI-DRIVEN INFORMATION PROCESSING: ADVANCES IN SPEECH, LANGUAGE, AND SIGNAL ANALYSIS
11:00–12:00				INTERNATIONAL WORKSHOP ON AI AND COMPUTER SCIENCE
12:00–14:00	LUNCH AND NETWORKING (WB.G.01)			
15:00 – 17:20			14 TH INTERNATIONAL WORKSHOP ON INTELLIGENT DATA PROCESSING	THE 10TH INTERNATIONAL WORKSHOP ON INTEGRATED SOCIAL CRM (ICRM 2025)

TUESDAY | 18 November 2025

TIME	Online
09:00–11:20	INTERNATIONAL WORKSHOP ON AI AND BIG DATA ON THE WEB: INSIGHTS, CHALLENGES, AND APPLICATIONS
09:00–12:00	WORKSHOP ON BUILDING AGENTIC AI APPLICATIONS WITH LLMS
14:00–15:00	2 ND WORKSHOP ON LARGE LANGUAGE MODELS IN PRACTICE
14:00–18:00	WEB INTELLIGENCE FOR HUMAN INTERACTION (WIFHI)
	WB.2.11

FRIDAY - SATURDAY | 14 - 15 November 2025

TIME	Hybrid Workshop
08:00–17:30	FIRST WI-IAT 2025 INTERNATIONAL MULTI AGENT SYSTEM SAFETY AND TEAMWORK INITIATIVE WORKSHOP
	VENUE: COURTYARD BY MARRIOTT LONDON CITY AIRPORT 10 CONNAUGHT ROAD, SILVERTOWN, LONDON, ENGLAND, E16 2AE

FULL PROGRAMME

All times are in GMT, Unless Otherwise Mentioned

Day 1 – Saturday: 15 November 2025		
Time	Event	Room
09:00–17:00	Registration	WB.G.01
10:00–10:30	Conference Inauguration	WB.G.02
10:30–11:30	Keynote 1: Professor Michael Wooldridge Chair: Professor Jiming Liu https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93RNc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
11:30–11:45	WIC Outstanding Research Award Ceremony https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93RNc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
12:15–13:30 Parallel Sessions		
12:15–13:30	S11 – Web of People Papers: WI205, WI209, WI213, WI215, WI219 Chair: Jianshi Wang, The University of Tokyo, Japan https://us06web.zoom.us/j/82348988372?pwd=y2PlilvhwnqaC0WMgE6Z29cglN77Ze.1 Meeting ID: 823 4898 8372 – Passcode: 2025	WB.2.11
12:15-12:30	Paper ID: WI205 (online presentation) Title: Similarity Measurement Between Event Sequences with Penalty Adjustment Authors: Daisuke Machizawa, Naoki Sawahata, and Yasunobu Sumikawa Presenter: Daisuke Machizawa	
12:30-12:45	Paper ID: WI209 Title: Optimizing Structural MRI for Alzheimer’s Diagnosis: A Preprocessing Approach Using FSL Authors: Mohannad Al Maqbal, Mohammed Al Fuliti, Zakaria Al Qasmi, Vimbi Viswan, Noushath Shaffi, and Mufti Mahmud Presenter: Vimbi Viswan	
12:45-13:00	Paper ID: WI213 Title: Restoring Punctuation and Capitalization in Kazakh: A BERT-Based Approach for Text Normalization Authors: Sanzhar Umbet and Zhanibek Kozhirkbayev Presenter: Zhanibek Kozhirkbayev	
13:00-13:15	Paper ID: WI215 Title: SLF-Lite: Semantic Flow Modeling with Dynamic Fields for Cross-Domain Web Understanding Authors: Jianshi Wang and Yukio Ohsawa Presenter: Jianshi Wang	
13:15-13:30	Paper ID: WI219 (online presentation) Title: Toward Enthymeme Reconstruction: A Neuro-Symbolic Interface Authors: Guilherme Trajano, Sandy Hoffmann, Stefan Sarkadi, and Alison R Panisson Presenter: Alison R Panisson	
12:15–13:30	S12 – Web of Data Papers: WI202, WI204, WI217, WI218, WI222 Chair: Duaa Baig, INSA Lyon, France https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
12:15-12:30	Paper ID: WI202 (online presentation) Title: Characteristics analysis of residential water use behavior based on spatio-temporal clustering and deep learning Authors: Guo Qing, Yu Yongchuan, Jianzhao Yan, Li Hao, and Du Yuebo Presenter: Guo Qing	

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12:30-12:45	Paper ID: WI204 (online presentation) Title: Health Condition Prediction and Assessment of Pumping Station Units Based on Graph Attention Networks Authors: Shan Tianshuo, Yu Yongchuan, Zou Xiaotao, Li Hao, and Shen kai Presenter: Shan Tianshuo	
12:45-13:00	Paper ID: WI217 (online presentation) Title: Knowledge-Enhanced Legal Case Retrieval via Large Language Models Authors: Chengcheng Yu, Qun Liu, Yanying Mao, and Jiahao Chen Presenter: Qun Liu	
13:00-13:15	Paper ID: WI218 Title: CAT: Complementary Aspect Topography for Information Exploration Authors: Shin-ya Sato Presenter: Shin-ya Sato	
13:15-13:30	Paper ID: WI222 (online presentation) Title: Personalized Graph-Empowered Large Language Model for Proactive Information Access Authors: Chia Cheng Chang, An-Zi Yen, Hen-Hsen Huang, and Hsin-Hsi Chen Presenter: An-Zi Yen	
12:15-13:30	S13 – Web of Things Papers: WI232, WI253, WI303, WI333, WI451 Chair: Xi (Sunshine) Niu, University of North Carolina at Charlotte, USA https://us06web.zoom.us/j/85380381746?pwd=I0rAYdpTqhiUZS9BLVDJvFmv0CCCLm8.1 Meeting ID: 853 8038 1746 – Passcode: 2025	WB.2.13
12:15-12:30	Paper ID: WI232 (online presentation) Title: Mixture of Experts Approaches in Dense Retrieval Tasks Authors: Effrosyni Sokli, Pranav Kasela, Georgios Peikos, and Gabriella Pasi Presenter: Effrosyni Sokli	
12:30-12:45	Paper ID: WI253 Title: Proof-of-Behavior: Behavior-Driven Consensus for Trustworthy Decentralized Finance Authors: Ailiya Borjigin, Wei Zhou, and Cong He Presenter: Ailiya Borjigin	
12:45-13:00	Paper ID: WI303 Title: FAST-D: Fast and Scalable Thing Description Discovery in the Web of Things Authors: Nassima Belkacem, Yacine SAM, Saadia Albane, and Nadjla Bourezama Presenter: Nassima Belkacem	
13:00-13:15	Paper ID: WI333 Title: Assessing the Interplay of Counteracting Biases in GNN-Based Recommender Systems Authors: Nikzad Chizari, Keywan Tajfar, and María N. Moreno-García Presenter: María N. Moreno-García	
13:15-13:30	Paper ID: WI451 Title: Intelligent Charging Scheduling in Wireless Rechargeable Heterogeneous Sensors Enabled Web of Things Authors: Ravendra Jandail and Shachi Sharma Presenter: Ravendra Jandail	
12:15-13:30	S14 – Web of Agents Papers: WI208, WI211, WI216, WI243 Chair: Haider Reza, University of Essex, UK https://us06web.zoom.us/j/87066804460?pwd=54XMXrwaSL98XLz0YcJ2isyitLNqHS.1 Meeting ID: 870 6680 4460 – Passcode: 2025	WB.2.14
12:15-12:30	Paper ID: WI208 Title: Pruning Overparameterized Multi-Task Networks for Degraded Web Image Restoration Authors: Thomas Katraouras and Dimitrios Rafailidis Presenter: Thomas Katraouras	
12:30-12:45	Paper ID: WI211 (online presentation) Title: Addressing Multi-Agent Interoperability: An Approach for Distributed Multi-Language Encoded Intelligent Agents Authors: Michele Rocha, Giovani Farias, Roberto Rodrigues-Filho, Stefan Sarkadi, and Alison R. Panisson Presenter: Alison R. Panisson	

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12:45-13:00	Paper ID: WI216 Title: Strategy-Following Multi-Agent Deep Reinforcement Learning Considering Control Strategies toward Other Agents Authors: Yamato Takahagi, Gentoku Nakasone, Yoshinari Motokawa, and Toshiharu Sugawara Presenter: Yamato Takahagi	
13:00-13:15	Paper ID: WI243 Title: Beyond One-Size-Fits-All: Model-Specific Multi-Agent Architectures for Contradiction Detection Authors: Kota Shimomukai, Kaira Sekiguchi, and Yukio Ohsawa Presenter: Kota Shimomukai	
13:30-14:30 Lunch (WB.G.01)		
14:30-15:30	Keynote 2: Professor Nadia Bianchi-Berthouze Chair: Professor Ning Zhong https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93Rnc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
15:30- 18:00	Workshop (Hybrid) The 1st International Workshop on Artificial Intelligence for Real-world Challenges https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZjgzNWY4M2MtMmY1Yi00NmYwLWE2ZWYtMzI3MTIwODhkZTRh%40thread.v2/0?context=%7b%22Tid%22%3a%22569df091-b013-40e3-86ee-bd9cb9e25814%22%2c%22Oid%22%3a%2228ad4219-1104-4473-b22b-df0b2c2784b3%22%7d	
15:30-16:15	Workshop Invited Talk Greg Slabaugh, Queen Mary University of London	
16:15-18:00	Workshop Paper Presentation Papers: S19205, S19213, S19203, S19206	
16:15-16:25	Paper ID: S19205 Title: Automated Construction of Medical Indicator Knowledge Graphs Using Retrieval Augmented Large Language Models Authors: Zhengda Wang, DaQian Shi, Jingyi Zhao, XiaoLei Diao, Xiongfeng Tang, and Yanguo Qin Presenter: Zhengda Wang	
16:25-16:35	Paper ID: S19213 Title: Scaling Decentralized Learning with FLock Authors: Zehua Cheng, Rui Sun, Jiahao Sun, and Yike Guo Presenter: Zehua Cheng	
16:35-16:45	Paper ID: S19203 Title: Multimodal Retrieval-Augmented Generation with Unified Text-Image Embedding and Retrieval Authors: Rui Zuo, Lianlong Wu, and Thomas Lukasiewicz Presenter: Rui Zuo	
16:45-16:55	Paper ID: S19206 Title: Artificial Intelligence-driven Intelligent Wearable Systems: A full-stack Integration from Material Design to Personalized Interaction Authors: Jingyi Zhao, DaQian Shi, Zhengda Wang, Xiongfeng Tang, and Yanguo Qin Presenter: Jingyi Zhao	
15:30-17:00 Parallel Sessions		
15:30-17:00	S15 – Web of People Papers: WI224, WI235, WI242, WI247, WI250, WI252 Chair: Nicolás Benjamin Ocampo, Centrum Wiskunde & Informatica, Netherlands https://us06web.zoom.us/j/82348988372?pwd=y2PlLvhwnqaCOWMgE6Z29cglN77Ze.1 Meeting ID: 823 4898 8372 – Passcode: 2025	WB.2.11
15:30-15:45	Paper ID: WI224 Title: OLIVAW: ACIMOV’s GitHub robot assisting agile collaborative ontology development Authors: Nicolas Robert, Fabien Gandon, and Maxime Lefrançois Presenter: Fabien Gandon	

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15:45 – 16:00	Paper ID: WI235 (online presentation) Title: Towards Argument Mining Agents: A Neurosymbolic Approach based on Argumentation Schemes and LLMs Authors: Guilherme Trajano, Alexandre Leopoldo Gonçalves, Stefan Sarkadi, and Alison R Panisson Presenter: Alison R Panisson	
16:00 – 16:15	Paper ID: WI242 (online presentation) Title: Explainable AI Models for Peanut Crop Management Leveraging Agrometeorological Data Authors: Alina Delia Calin and Rares Florin Boian Presenter: Alina Delia Calin	
16:15 – 16:30	Paper ID: WI247 Title: Substitute Node Selection for Reconstructing Labeled Social Networks after a Node is Deleted Authors: Shiou-Chi Li and Jen-Wei Huang Presenter: Shiou-Chi Li	
16:30 – 16:45	Paper ID: WI250 Title: Image-Based Clothing Recommendation Using Object Detection and Visual Embeddings Authors: Pedro Simoes, Thales Vieira, José Moura, Evandro Costa, and Jovanka Davies Presenter: Thales Vieira	
16:45 – 17:00	Paper ID: WI252 Title: Verifying Rumors via Stance-Aware Structural Modeling Authors: Gibson Nkhata, Quan Mai, Uttamasha Anjally Oyshi, and Susan Gauch Presenter: Gibson Nkhata	
15:30-17:00	S16 - Web of Data Papers: WI231, WI234, WI238, WI239, WI240, WI241 Chair: Kaoutar Sadouki, Conservatoire National des Arts et Métiers, France https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
15:30-15:45	Paper ID: WI231 Title: LLM Augmentation Enhanced Counterfactual Attention for Graph-based Recommender System Authors: Shengzhe Jiao, Yihong Zhang, Aoran Chen, and Takahiro Hara Presenter: Shengzhe Jiao	
15:45 – 16:00	Paper ID: WI234 (online presentation) Title: Assessing Mental Health Counseling Interventions with LLMs Authors: Nurun Naher, Joshua Langfus, Linda Pfiffner, and Gita Sukthankar Presenter: Nurun Naher	
16:00 – 16:15	Paper ID: WI238 Title: Investigating Large Language Models' Linguistic Abilities for Text Preprocessing Authors: Marco Braga, Gian Carlo Milanese, and Gabriella Pasi Presenter: Marco Braga	
16:15 – 16:30	Paper ID: WI239 (online presentation) Title: Sci2XML: Integrating Non-Textual Elements into Retrieval-Augmented Generation for Scientific Documents Authors: Younes Benhaida, Jan Axel Støre Ørmen, Morten Nilsen, Shoeb Mohammadi, Rafey Ul-Islam Afzal, Mihai Gheorghe, And Dumitru Roman Presenter: Dumitru Roman	
16:30 – 16:45	Paper ID: WI240 Title: On the Efficacy of Novel Features Derived from Account Content for Social Bot Detection Authors: Ahmadjamy Kohistani, Shachi Sharma, and Muhammad Abulaish Presenter: Shachi Sharma	
16:45 – 17:00	Paper ID: WI241 (online presentation) Title: DiaTAC-Emo: Tunisian Dialect Two-level Analysis for Classification of Emotions Authors: Latifa Iben Nasr, Ismail Badache, Abir Masmoudi, and Lamia Hadrich Belguith Presenter: Latifa Iben Nasr	
15:30-17:00	S17 – Web of Web of Agents Papers: WI280, WI287, WI352, WI439, WI470 Chair: Md Atiqur Rahman Ahad, University of East London, UK https://us06web.zoom.us/j/85380381746?pwd=I0rAYdpTqhiUZS9BLVDJvFmv0CCLm8.1 Meeting ID: 853 8038 1746 – Passcode: 2025	WB.2.13

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15:30-15:45	Paper ID: WI280 (online presentation) Title: An Ontology-Based Recommendation Engine for Domain-Specific Language Discovery Authors: Theodoros Tsampouris, Emmanouil Tsardoulas, Konstantinos Panayiotou, and Andreas L. Symeonidis Presenter: Theodoros Tsampouris	
15:45 – 16:00	Paper ID: WI287 (online presentation) Title: A Flexible Multi-Agent LLM-Human Framework for Fast Human Validated Tool Building Authors: Xavier Daull, Patrice Bellot, Emmanuel Bruno, Vincent Martin, and Elisabeth Murisasco Presenter: Xavier Daull	
16:00 – 16:15	Paper ID: WI352 Title: Matching Mechanisms under Relative Constraints Authors: Kensuke Ota, Keiich Namikoshi, and Yuko Sakurai Presenter: Yuko Sakurai	
16:15 – 16:30	Paper ID: WI439 (online presentation) Title: Clustering-based Algorithms for Coalition Formation in the Context of an Agricultural Cooperative Authors: Samriddhi Sarkar and Arpan Chatterjee Presenter: Samriddhi Sarkar	
16:30 – 16:45	Paper ID: WI470 (online presentation) Title: Personality Matters: Task-Specific Effects of Psychological Framings in Agentified LLMs Authors: Patrizio Bellan, Simone Magnolini, Saba Ghanbari Haez, Leonardo Sanna, and Mauro Dragoni Presenter: Patrizio Bellan	
15:30 – 17:00	S18 – Web of Trust Papers: WI212, WI227, WI341, WI468, WI208 Chair: Michał Wróbel, Gdansk University of Technology, Poland https://us06web.zoom.us/j/87066804460?pwd=54XMxrwaSL98Xlz0YcJ2isyitLNqHS.1 Meeting ID: 870 6680 4460 – Passcode: 2025	WB.2.14
15:30-15:45	Paper ID: WI212 (online presentation) Title: About Likert scales in information systems: robustness of the new compositional data approach in terms of extreme-value favoring data generating processes Authors: Rene Lehmann and Bodo Vogt Presenter: Rene Lehmann	
15:45 – 16:00	Paper ID: WI227 Title: Gradient-Guided Diffusion for High-Fidelity Face Anonymization Authors: Emna BenSaid, Marwa Jabberi, Mohamed Neji, and Adel M. Alimi Presenter: Emna BenSaid	
16:00 – 16:15	Paper ID: WI341 Title: ConvResNet: Towards an Explainable Deep Learning Architecture for Mental Stress Detection from ECG Signal Authors: Saptil Sarker Bipro, Mohammad Abdul Motin, and Mufti Mahmud Presenter: Mohammad Abdul Motin	
16:15 – 16:30	Paper ID: WI468 Title: The Care-Dare Dilemma: An Ising Model for Optimizing Trust and Performance in Organizations Authors: Shosuke Inoue, Kaira Sekiguchi, and Yukio Ohsawa Presenter: Shosuke Inoue	
16:30- 16:45	Paper ID: WI208 (online presentation) Title: Pruning Overparameterized Multi-Task Networks for Degraded Web Image Restoration Authors: Thomas Katraouras and Dimitrios Rafailidis Presenter: Thomas Katraouras	
15:30-17:00	Workshop (Hybrid) 6th International Workshop on AI for Social Good in the Connected World (AI4SG) Papers: S12201, S12203, S12205, S12206 https://hkbu.zoom.us/j/94143218532?pwd=arD3MQZar1YCKmoHmXuCF2M7ViOUBS.1 Meeting ID: 941 4321 8532; Password: 397784	WB.2.15
15:30-15:50	S12201 TYrPPG: Uncomplicated and Enhanced Learning Capability rPPG for Remote Heart Rate Estimation - Taixi Chen and Yiu-ming Cheung	

15:50-16:10	S12203 C-Rank: A Clustering Coefficient-Weighted Random Walk Algorithm for Identifying Critical Node Groups in Higher-Order Networks -Zhefan Dong, Mengqian Zhang, Qikai Wang, Jiaxun Li, Yonghou He, and Li Tao	
16:10-16:30	S12205 mpowering Epidemic Response: The Role of Reinforcement Learning in Infectious Disease Control -Mutong Liu, Yang Liu, and Jiming Liu	
16:30-16:50	S12206 The Hidden Challenge: Asymptomatic Carriers in Epidemics with Imperfect Vaccination - Wankai Jin, Yineng Gao, Qi Tan, Miao Liu, Jiming Liu, and Benyun Shi	
17:00-18:00	Short Paper Session – I WI220, WI221, WI228, WI236, WI261 Chair: Giorgos Ioannou, University of Cyprus, Cyprus https://us06web.zoom.us/j/82348988372?pwd=y2PlLvhwnqaC0WMgE6Z29cglN77Ze.1 Meeting ID: 823 4898 8372 – Passcode: 2025	WB.2.11
17:00-17:10	Paper ID: WI220 (online presentation) Title: Visual Theory of Mind (VToM): A Systematic Review Authors: Sandy Hoffmann, Guilherme Trajano, Stefan Sarkadi, and Alison R Panisson Presenter: Alison R Panisson	
17:10-17:20	Paper ID: WI221 (online presentation) Title: Explainable Inverse Naive Bayes (EINB): A Fast and Trustworthy Approach to Explainability Based on Inverse Probability Inference Authors: Takafumi Nakanishi Presenter: Takafumi Nakanishi	
17:20-17:30	Paper ID: WI228 (online presentation) Title: Medical Chat: A Multi-LLM Chatbot for Streamlining Patient Referrals Authors: Anil Panday, Ashish K C, Rojina Raut, Tianzhu Li, and Sheng Chai Presenter: Sheng Chai	
17:30-17:40	Paper ID: WI236 Title: Socioeconomic and demographic disparities in fitness center visits Authors: Giorgos Ioannou, George Pallis, Marios Dikaiakos, and Christos Nicolaides Presenter: Giorgos Ioannou	
17:40-17:50	Paper ID: WI261 Title: PomeGC-Net: A Hybrid Semi-Supervised Graph Convolutional Network Approach for Multi-Class Pomegranate Fruit Disease Classification Authors: Mahin Montasir Afif, Sumshun Nahar Eity, Tanisha Fairouz, Hasan Mahmud, Amina Tasnim Oishe, Rahul Biswas, Shahnaj Parvin, Md. Mortuza Ahmmed, M. Mostafizur Rahman, and Mufti Mahmud Presenter: Mahin Montasir Afif	
17:00-18:00	Short Paper Session – II WI263, WI271, WI272, WI274, WI319, WI454 Chair: Haseeba Zahra, University of Birmingham, UK https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
17:00-17:10	Paper ID: WI263 Title: Dataset Text Quality and Machine Learning Trigger Warning Classification Authors: Haseeba Zahra and Rachid Anane Presenter: Haseeba Zahra	
17:10-17:20	Paper ID: WI271 Title: Few-Shot Multimodal Fake News Detection via Transfer Learning and Unsupervised Domain Adaptation Authors: Yen-Tsang Wu, Lawrence Y. H. Low, and Jenq-Haur Wang Presenter: Jenq-Haur Wang	
17:20-17:30	Paper ID: WI272 (online presentation) Title: A Cross-Cultural Symbolic Pipeline for Traditional Music Genre Classification Authors: Juan José Navarro-Cáceres, Diego M. Jiménez-Bravo, Álvaro Lozano Murciego, and María Navarro-Cáceres Presenter: Juan José Navarro-Cáceres	

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17:30-17:40	Paper ID: WI274 Title: Evaluating Large Language Models as Tools to Navigate Researchers in a Rapidly Evolving Research Landscapes Authors: Elena Mourelatou and Ioannis Katakis Presenter: Elena Mourelatou
17:40-17:50	Paper ID: WI319 Title: Backdoor Attacks Come from Attention Outliers: Head-wise Differential Privacy Attention Defense Authors: Yen-Tsang Wu, Yan-Bin Wang, Lawrence Y. H Low, and Jenq-Haur Wang Presenter: Jenq-Haur Wang
17:50-18:00	Paper ID: WI454 Title: Arabic text detection and classification in news video based on vision Transformer Authors: Hmayda Mounira, Khemiri Akram, Neziha Jaouedi, and Mourad Zaied Presenter: Khemiri Akram
18:00-19:30	Welcome Reception at UEL
End of Day 1	

Day 2 – Sunday: 16 November 2025		
Time	Event	Venue
08:30 –17:00	Registration & Breakfast	WB.G.01
09:00–10:00	Keynote 3: Professor Georg Gottlob Chair: Professor Jimmy Huang https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93Rnc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
10:30–11:30	Panel Discussion: <i>“Web Intelligence 3.0 in the Age of Generative Agents: From LLMs to Embodied, Socially-Integrated Intelligence”</i> https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93Rnc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
	Panel Chairs: - Ning Zhong, Maebashi Institute of Technology, Japan - Jiming Liu, Hong Kong Baptist University, HK China Panellists: - Md Atiqur Rahman Ahad, University of East London, UK - Georg Gottlob, University of Calabria, Italy - Jimmy Huang, York University, Canada - Mufti Mahmud, King Fahd University of Petroleum and Minerals, Saudi Arabia	
11:30-14:00	Workshop (Hybrid) International Workshop on Ethical Artificial Intelligence (EthicalAI) Papers: S16201, S16202, S16203 https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzY5YThmMjUtMzQ1Ni00NzVhLTljOTAtMmVmMWM4YjZhZWVj%40thread.v2/0?context=%7b%22Tid%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22Oid%22%3a%229d6f2320-df97-4bc3-80c7-ca93d3192027%22%7d	WB.G.02
11.30-11.45	Welcome and Presentation of EMORE Lab and its projects for Ethical AI -Valentina Franzoni, University of Perugia, Italy	
11:45-12:15	Invited Talk Smart.EDU, an intelligent digital system of higher and postgraduate education -Alma Zakirova, Eurasian University of Astana, Kazakhstan	
12:15-12:30	S16201 Towards Responsible Generation of Synthetic Datasets with Large Language Models -Valentina Franzoni	

FULL PROGRAMME

12:30-12:45	S16202 Beyond Debate for Ethical AI: Proof-Carrying Causal Answers and Cost-Aware Evidence on CLadder -Jordi Vallverdú and Ange Xu	
12:45-13:00	S16203 Can I Bypass Reviewer 2? A Preliminary Study on LLMs Vulnerabilities for Scientific Reviews -Emanuele Florindi, Valentina Franzoni, Alfredo Milani, and Mattia Polticchia	
11:30–13:00 Parallel Sessions		
11:30–13:00	S21 – Web of People WI256, WI345, WI349, WI422, WI449, WI450 Chair: Greta Damo, Université Côte d'Azur, France https://us06web.zoom.us/j/82348988372?pwd=y2PlLvhwnqaC0WMgE6Z29cglN77Ze.1 Meeting ID: 823 4898 8372 – Passcode: 2025	WB.2.11
11:30-11:45	Paper ID: WI256 Title: Causal Analysis of Author Demographics in Academic Peer Review Authors: Uttamasha Anjally Oyshi, Gibson Nkhata, and Susan Gauch Presenter: Uttamasha Anjally Oyshi	
11:45-12:00	Paper ID: WI345 (online presentation) Title: Using ChatGPT-4o mini for Web Toxicity Detection Within a Low-Resource Language Context Authors: Pedro Corrêa, Augusto Duarte, Lucas Malta, and Humberto Marques Presenter: Pedro Corrêa	
12:00-12:15	Paper ID: WI349 Title: Identifying Stable Influencers: Distinguishing Stable and Temporal Influencers Using Long-Term Twitter Data Authors: Harutaka Yamada, Sho Tsugawa, and Mitsuo Yoshida Presenter: Harutaka Yamada	
12:15-12:30	Paper ID: WI422 Title: Right-sizing Recommendations (RSR): Cloud Workload Conformal Prediction for Virtual Machines in Data Center Operations Authors: Mehryar Majd, Feng Cheng, and Ali Pahlevan Presenter: Mehryar Majd	
12:30-12:45	Paper ID: WI449 (online presentation) Title: Analysis and Detection of Political Hostility on Telegram during the 2022 Brazilian Election Period Authors: Otávio Venancio, Pedro de Paula, Julio Reis, Adriana Pagano, Carlos H. Ferreira, and Ana Paula da Silva Presenter: Otávio Venancio	
12:45-13:00	Paper ID: WI450 Title: Leveraging Argumentation Schemes in Justification Generation for Automated Fact-checking Authors: Xiaoou Wang, Elena Cabrio, and Serena Villata Presenter: Xiaoou Wang	
11:30–13:00	S22 – Web of Data WI264, WI258, WI265, WI273, WI249, WI244 Chair: Xi (Sunshine) Niu, University of North Carolina at Charlotte, USA https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
11:30-11:45	Paper ID: WI264 Title: A Retrieval-Augmented Large Language Model for Medical Visual Question Answering Authors: Xiangcheng Wu, Xi Niu, Zhe Fu, and Yaorong Ge Presenter: Xi Niu	
11:45-12:00	Paper ID: WI258 Title: Ontology-Driven Conversion of Business Intents in Smart Industry: Transformer-based Extraction vs. Prompt-based LLMs Authors: Kaoutar Sadouki and Elena Kornysheva Presenter: Kaoutar Sadouki	
12:00-12:15	Paper ID: WI265 (online presentation) Title: MeAJOR Corpus: A Multi-Source Dataset for Phishing Email Detection Authors: Paulo Mendes, Eva Maia, and Isabel Praca	

FULL PROGRAMME

	Presenter: Eva Maia	
12:15-12:30	Paper ID: WI273 Title: Transformers for Low-Resource Religious Hate Speech Detection: A Comparative Study on Bangla Social Media Discourse Authors: Ashiqur Rahman Saron, Hasin Almas Sifat, Mahin Montasir Afif, Md. Mortuza Ahmmed, M. Mostafizur Rahman, and Mufti Mahmud Presenter: Hasin Almas Sifat	
12:30-12:45	Paper ID: WI249 (online presentation) Title: Cross-View Cross-Modal Unsupervised Domain Adaptation for Driver Monitoring System Authors: Aditi Bhalla, Christian Hellert, and Enkelejda Kasneci Presenter: Aditi Bhalla	
12:45-13:00	Paper ID: WI244 Title: CAST: A Context-Aware Spatio-Temporal Model for Human Mobility Forecasting Authors: Romain Haton, Hocine Guia, Boualem Mokeddem, Vincent Gauthier, and Amel Bouzeghoub Presenter: Romain Haton	
11:30–13:00	S23 – Web of Data WI342, WI343, WI346, WI348, WI332, WI334 Chair: Md Atiqur Rahman Ahad, University of East London, UK https://us06web.zoom.us/j/85380381746?pwd=I0rAYdpTqhiUZS9BLVDJvFmv0CCLm8.1 Meeting ID: 853 8038 1746 – Passcode: 2025	WB.2.13
11:30-11:45	Paper ID: WI342 Title: Dual-ChannelCVT: A Multi-Stage Combination of Convolutional Neural Network and Vision Transformer for Sleep Stage Classification Authors: Dipti Biswas, Uttam Mahapatra, Mohammad Abdul Motin, and Mufti Mahmud Presenter: Mohammad Abdul Motin	
11:45-12:00	Paper ID: WI343 Title: StressBVPNet: An Explainable Deep Learning Model for Stress Monitoring from BVP Signals Authors: Md Santo Ali, Mohammad Abdul Motin, and Mufti Mahmud Presenter: Mohammad Abdul Motin	
12:00-12:15	Paper ID: WI346 (online presentation) Title: Bilingual Augmentation for Low- and Medium-Resource Languages Authors: Jón Daðason and Hrafn Loftsson Presenter: Jón Daðason	
12:15-12:30	Paper ID: WI348 Title: Contrastive Dataset Distillation for Summarization Task: Two-Stage Learning with Synthetic and Real Data Authors: Takumi Kikawada and Takayasu Fushimi Presenter: Takumi Kikawada	
12:30-12:45	Paper ID: WI332 Title: A Wikidata-based Work_x001D_ow for Entity Reconciliation Strategies Evaluation: A Study on Early Modern Polish Personal Names Authors: Luiz do Valle Miranda, Krzysztof Kutt, and Grzegorz J. Nalepa Presenter: Luiz do Valle Miranda	
12:45-13:00	Paper ID: WI334 (online presentation) Title: Robust Sequential Recommendation through Intra- and Cross-Sequence Semantic Alignment Authors: Xianjie Li Presenter: Xianjie Li	
13:00 – 14:00 Lunch (WB.G.01)		
14:00-15:00	Keynote 4: Professor Yukio Ohsawa Chair: Professor Mufti Mahmud https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93RNc2QP04r648xtTARMO.1 Meeting ID: 872 5816 0099 – Passcode: 2025	WB.G.02
15:00-16:30 Parallel Sessions		
15:00-16:30	S24 - Web of Data WI455, WI456, WI458, WI466, WI359 Chair: Muhammad Awais Rana, University of Surrey, UK https://us06web.zoom.us/j/82348988372?pwd=v2PlilVhwnqaC0WMgE6Z29cglN77Ze.1	WB.2.11

	Meeting ID: 823 4898 8372 – Passcode: 2025	
15:00-15:15	Paper ID: WI455 Title: MyEcoPal: Bridging the Gap between Sustainability Understanding and Sustainable Actions Authors: Qiming Sun and I-Han Hsiao Presenter: I-Han Hsiao	
15:15-15:30	Paper ID: WI456 (online presentation) Title: Learning Sustainable Practices (Reduce, Reuse & Recycle) via Human-AI Collaborated Interactive Exercises Authors: Qiming Sun and I-Han Hsiao Presenter: I-Han Hsiao	
15:30-15:45	Paper ID: WI458 (online presentation) Title: Interpolation-Based Data Augmentation for Automatic Persuasive System Authors: Renan Lirio de Souza and Mauro Dragoni Presenter: Renan Lirio de Souza	
15:45-16:00	Paper ID: WI466 Title: From Hidden to Harmful: Connecting Implicit and Explicit Hate Through Implied Statements Authors: Nicolás Benjamín Ocampo, Elena Cabrio, and Serena Villata Presenter: Nicolás Benjamín Ocampo	
16:00-16:15	Paper ID: WI359 Title: Combining Hierarchical Self-Attention and Skill Clustering to enhance Knowledge Tracing (HiSACKT) Authors: Duaa Baig, Diana Nurbakova, Baba Mbaye, and Sylvie Calabretto Presenter: Duaa Baig	
15:00-16:30	S25 - Web of Data WI223, WI229, WI441, WI465 Chair: Md Atiqur Rahman Ahad, University of East London, UK https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
15:00-15:15	Paper ID: WI223 (online presentation) Title: Follow-up Question Modeling for Open-Retrieval Conversations with Wh-Questions Authors: Che-Wei Huang, An-Zi Yen, Hen-Hsen Huang, and Hsin-Hsi Chen Presenter: Hen-Hsen Huang	
15:15-15:30	Paper ID: WI229 (online presentation) Title: SQUIRE+LLM: A LLM-Assisted ESA-Based Unsupervised Semantic Query Interpretation and Ranking Engine Authors: Avijeet Shil and Wei Jin Presenter: Wei Jin	
15:30-15:45	Paper ID: WI441 Title: On the Limits of Debiasing: A Multimetric Evaluation of Postprocessing Strategies for Gender Bias in Spanish Distributional Language Models Authors: José Luis Benítez Santana, Óscar Araque Iborra, and Carlos Ángel Iglesias Fernández Presenter: José Luis Benítez Santana	
15:45-16:00	Paper ID: WI465 Title: Contrastive Learning for Aspect Representation towards Explainable Recommendation Authors: Emrul Hasan and Chen Ding Presenter: Emrul Hasan	
15:00-16:30	S26 - Web of Data WI442, WI445, WI447, WI448, WI337, WI351 Chair: Xi (Sunshine) Niu, University of North Carolina at Charlotte, USA https://us06web.zoom.us/j/85380381746?pwd=I0rAYdpTqhiUZS9BLVDJvFmv0CCCLm8.1 Meeting ID: 853 8038 1746 – Passcode: 2025	WB.2.13
15:00-15:15	Paper ID: WI442 (online presentation) Title: Instructional Video Summarization with Transformers: A Curriculum Learning Approach for ASR-Generated Transcripts Authors: Mridul Banik and Ismail Hossain Presenter: Mridul Banik	
15:15-15:30	Paper ID: WI445 Title: Scalable and Privacy-Preserving Synthetic Data Generation on Decentralised Web	

	Authors: Vishal Ramesh, Rui Zhao, and Naman Goel Presenter: Naman Goel	
15:30-15:45	Paper ID: WI447 Title: Effectiveness of Counter-Speech against Abusive Content: A Multidimensional Annotation and Classification Study Authors: Greta Damo, Elena Cabrio, and Serena Villata Presenter: Greta Damo	
15:45-16:00	Paper ID: WI448 (online presentation) Title: Expert finding system for research projects: a case study in a novel dataset of Castilla y León Authors: Adrián Valera Román, Álvaro Lozano Murciego, and María N. Moreno-García Presenter: Adrián Valera Román	
16:00-16:15	Paper ID: WI337 (online presentation) Title: Crocodile: A Practical Framework for Entity Linking, Annotation, and Exploration in Tabular Knowledge Extraction Authors: Roberto Avogadro, Ashish Rauniar, Federico Belotti, Ahmet Soylu, and Dumitru Roman Presenter: Ashish Rauniar	
16:15-16:30	Paper ID: WI351 (online presentation) Title: Personalized Noise Diffusion Recommender Model Authors: Phaiboon Jaradnaparatana, Saranya Maneeroj, and Atsuhiko Takasu Presenter: Phaiboon Jaradnaparatana	
15:00-17:15	Workshop (Hybrid) International Workshop on Affective Computing and Emotion Recognition (ACER-EMORE) Papers: S17201, S17203, S17204 https://teams.microsoft.com/l/meetup-join/19%3ameeting_YWVIZGUyMmYtMGnkNS00NDUyLTlmNzAtZjlyODk1YmY2MTMw%40thread.v2/0?content=%7b%22id%22%3a%22067e7d20-e70f-42c6-ae10-8b07e8c4a003%22%2c%22oid%22%3a%229d6f2320-df97-4bc3-80c7-ca93d3192027%22%7d	WB.2.14
15:00-15:15	Invited Talk Welcome and Presentation of the EMORE Lab and its projects in Affective Computing -Valentina Franzoni, University of Perugia, Italy	
15:15-15:45	Paper ID: S17201 Title: A Proxy-Based Method for Mapping Discrete Emotions onto VAD model Authors: Michal Wrobel Presenter: Michal Wrobel	
15:45-16:15	Paper ID: S17203 Title: Emotion States Recognition Combine With Chinese Traditional Emotion Authors: Clement Leung, Zhifei Xu, and Leyao Yuan Presenter: Clement Leung	
16:15-16:35	Paper ID: S17204 Title: Emotion-Driven Gameplay Adaptation: Keeping Players in Flow Authors: Francesco Bietolini, Emanuele Florindi, Valentina Franzoni, Alfredo Milani, and Mattia Polticchia Presenter: Francesco Bietolini	
17:00-18:00	Short Paper Session – III WI336, WI344, WI354, WI366, WI389, WI399 Chair: Jerry Jialie Shen, City St George's, University of London, UK https://us06web.zoom.us/j/82348988372?pwd=y2PlLvhwnqaCOWMgE6Z29cglN77Ze.1 Meeting ID: 823 4898 8372 – Passcode: 2025	WB.2.11
17:00-17:10	Paper ID: WI336 (online presentation) Title: Reward Shaping and Action Space Structuring for Reinforcement Learning-Based Job-Oriented Course Recommendation Authors: Binh-Minh Tran, Célia da Costa Pereira, and Andrea G. B. Tettamanzi Presenter: Binh-Minh Tran	
17:10-17:20	Paper ID: WI344 (online presentation) Title: Leveraging Large Language Models and Knowledge Graphs for Disease Theory Exploration and Causal Analysis Authors: Isak Midtvedt, Shanshan Jiang, and Dumitru Roman Presenter: Shanshan Jiang	

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17:20-17:30	Paper ID: WI354 Title: LLM-powered Information Support for Urban Design based on Participatory Multi-Agent Simulation Authors: Soma Endo, Mamoru Yoshizoe, Hiromitsu Hattori, Luis Alberto Alonso Pastor, and Kent Larson Presenter: Soma Endo	
17:30-17:40	Paper ID: WI366 Title: Consideration of Memory Forgetting Mechanisms for Realization of Human-like Dialogue Systems Authors: Shunsuke Horiike, Takayasu Fushimi, Ribeka Keyaki, Masahiko Otake, and Shino Iwashita Presenter: Shunsuke Horiike	
17:40-17:50	Paper ID: WI389 Title: Pioneering AI Agent in Electrical and Mechanical Engineering: Transforming Operations and Maintenance Practice Authors: Ka Tai Lau, Boris Kriuk, Yabing Hou, Kin Fung Leung, Pok Man So, Arthur Chan, Hazel ZENG, and Ridwan Lekan Raheem Presenter: Boris Kriuk	
17:50-18:00	Paper ID: WI399 Title: Agentic AI and LLMs for Dynamic Content Generation: An Architectural and Communication Framework for Carbon Footprint Management Authors: Vasiliki Chrysikou, Anthony Karageorgos, Marios Trigkas, and Georgios Ntalos Presenter: Vasiliki Chrysikou	
17:00-18:00	Short Paper Session – IV WI457, WI464, WI469, WI476 Chair: Teng-Sheng Moh, San Jose State University, USA https://us06web.zoom.us/j/88285455944?pwd=8rJam0a1h9b1XfYmo6yGrgZyH7da9M.1 Meeting ID: 882 8545 5944 – Passcode: 2025	WB.2.12
17:10-17:20	Paper ID: WI457 Title: Cyberbullying Detection in Social Networks: A Framework for Comparing Augmentation Methods and Machine Learning Models Authors: Ken Raymond, Nourhène Ben-Rabah, Antoine Leblanc, Zequan Huang, and Bénédicte Le Grand Presenter: Nourhène Ben-Rabah	
17:20-17:30	Paper ID: WI464 Title: Reason, Review, Repeat: Hybrid Chain of Thought to Mitigate Hallucinations in Large Language Models Authors: Jerry Liu, Melody Moh, and Teng-Sheng Moh Presenter: Teng-Sheng Moh	
17:30-17:40	Paper ID: WI469 Title: Efficient Vocal-Conditioned Music Generation via Soft Alignment Attention and Latent Diffusion Authors: Hei Shing Cheung, Boya Zhang, and Jonathan Chan Presenter: Hei Shing Cheung	
17:40-17:50	Paper ID: WI476 Title: PITNet: Physics-Informed Trajectory Network for Smooth 7-DoF Robotic Arm Trajectories in Dynamic Environments Authors: Nadim Ahmed, Md. Ashraful Babu, Md. Manir Hossain Mollah, Md. Mortuza Ahmmed, M. Mostafizur Rahman, and Mufti Mahmud Presenter: Md. Ashraful Babu	
18:00-20:00	Banquet & Award Ceremony at: Tereza Joanne. Albert Island. London. E16 2QY	
End of Day 2		

FULL PROGRAMME

(Workshop and Special Session – 17 and 18 November 2025)

Day 3 – Monday: 17 November 2025

WS#1

The International Workshop on Web Intelligence meets Brain Informatics

Room: WB.2.11

<https://us06web.zoom.us/j/87258160099?pwd=rZwsr8MDQ93RNc2QP04r648xtTARMO.1>

Meeting ID: 872 5816 0099 – Passcode: 2025

Invited Talk

9:00-9:30

Advancing Mind-Inspired Multimodal and Web Intelligence

By Jerry Jialie Shen, City St George's, University of London, UK

9:30-10:00

Harnessing AI Models' Uncertainty for Decision Making

By Xi Niu, University of North Carolina at Charlotte, USA

Paper Presentation

10:00-10:20

Paper ID: S01205

Title: Dynamic Memory-Aware Causal Subgraph Learning for Irregular Clinical Time Series

Author: Jinquan Ji, Yu Cao, Chunyi Hou, and Jianzhao Yan

10:20-10:40

Paper ID: S01204

Title: TEMPO-mRS: An Explainable Multi-task Ordinal Deep Learning Model for Predicting 30-, 60-, and 90-Day mRS After Intravenous Thrombolysis in a Chinese Cohort

Author: Lingli Li, Hongxiao Li, Jianzhao Yan, and Chen Zhou

10:40-11:00

Paper ID: S01203

Title: Multivariate Time Series Forecasting Model with Adaptive Multi-scale Hierarchical Information Interaction

Author: Panpan Qiu, Tian Qin, Jianzhao Yan, Hongxia Xu, and Yongchuan Yu

WS#4

1st International Workshop on Sustainable Artificial Intelligence for addressing Online Information Disorder (SAI4OID)

Room: WB.2.12

<https://meet.google.com/cqs-qrm-b-nrn>

Paper Presentation

09:30-9:50

Paper ID: S04203

Title: Federated Learning applied to the Quantification of Coordinated Information Operations

Author: Gianluigi Folino, Marco Minici, and Michele Scinaro Tenghi

09:50-10:10

Paper ID: S04207

Title: Minimal Perturbation Adversarial Attacks on Malware Classification Systems

Author: Claudia Greco and Michele Ianni

10:10-10:30

Paper ID: S04208

Title: Polarized Communities in Mastodon: Insights from Instance-Level Analysis

Author: Lucio La Cava, Domenico Mandaglio, and Andrea Tagarelli

11:00-11:20

Paper ID: S04206

Title: A Sustainable AI-based Solution for Workplace Injury Classification in Industry 5.0

Author: Alberto Falcone, Francesco Sergio Pisani, and Massimo Guarascio

11:20-11:40

Invited Talk

Large language models in the age of misinformation

WS#5

The 1st International Workshop on AI for Multimodal Learning and Applications

Online: <https://meeting.tencent.com/dm/TPO1PWU070lg> #Tencent Meeting: 739-182-599

Paper Presentation (Online)

FULL PROGRAMME

9:00-9:20 (GMT+8 Beijing Time)	Paper Id: S05202 Paper Title: Study on Mining Terminology and Multi-Module Teaching Resources from the Perspective of International Chinese Smart Education Author: Xinyue Zhang and Jian Gao
9:20-9:40 (GMT+8 Beijing Time)	Paper Id: S05203 Paper Title: A Modular Pipeline for Cross-Lingual Singing Voice Translation with Subjective Evaluation Author: Khush Agarwal and Jonathan Hoyin Chan
9:40-10:00 (GMT+8 Beijing Time)	Paper Id: S05204 Paper Title: Research on vehicle CAN bus intrusion detection method based on MobileNetV3 Author: Suyi Wang and Hui Chen

WS#7

The International Workshop on Artificial Intelligence for Health Informatics

Online: <https://meeting.tencent.com/dm/TPO1PWU070lg#TencentMeeting: 739-182-599>

Paper Presentation (Online)

10:00-10:20 (GMT+8 Beijing Time)	Paper Id: WI350 Paper Title: Integrating LLMs in Service-Oriented Architectures for Personalized Healthcare Activity Recommendation Author Name: Hiba Djebabria, Yacine Sam, and Nizar Messai
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WS#8

The International Workshop on AI-Driven Information Processing: Advances in Speech, Language, and Signal Analysis

Online: <https://meeting.tencent.com/dm/TPO1PWU070lg#TencentMeeting: 739-182-599>

Paper Presentation (Online)

10:40-11:00 (GMT+8 Beijing Time)	Paper Id: S08201 Paper Title: Extraction of Stroke-pair Assemblies and Its Application in Learning Chinese Characters as a Foreign Language Author Name: Xinyue Zhang and Jian Gao
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WS#9

The International Workshop on AI and Computer Science

Online: <https://meeting.tencent.com/dm/TPO1PWU070lg#TencentMeeting: 739-182-599>

Paper Presentation (Online)

11:20-11:40 (GMT+8 Beijing Time)	Paper Id: S09201 Paper Title: Research on the Interaction Paradigm of Virtual Astronomy Laboratory Based on RAG-LLM Author Name: Xuewei Xu, Chuanqian Tang, and Zhiqiang Liu
11:40-12:00 (GMT+8 Beijing Time)	Paper ID: S09209 Paper Title: Integration of AI Empowerment and Scaffolding Instruction for Core Competency Development Author Names: Min Pan, Mengfei Gao, Wenrui Xiong, Mao Wang, Shuting Zhou, Shaoxiong Feng

WS#14

The 14th International Workshop on Intelligent Data Processing

Online: <https://hkbuzoom.us/j/99720586216?pwd=iaQyTVoJntKC7bau3OWkF98ciQJ3oq.1>

Invited Talk (Online)

FULL PROGRAMME

15:20-15:30 (GMT+8 Beijing Time)	Paolo Mengoni and Haolan Zhang
Paper Presentation (Online)	
15:30-15:45 (GMT+8 Beijing Time)	Paper Id: S14201 Paper Title: Self-expression and Self-presentation on Social Media – A Case Study on Red Note Author Name: Xinyue Wen and Paolo Mengoni
15:45-16:00 (GMT+8 Beijing Time)0	Paper Id: S14204 Paper Title: Ningbo Talent & Technology Week: A 19-Year Media Coverage Analysis (2006–2024) Author Name: Zhenbiao He, Aodong Zhu, Xuefeng Han, and Zixuan Yu
16:00-16:15 (GMT+8 Beijing Time)	Paper Id: S14206 Paper Title: Integrating Data Visualization in Environment Management: A Case Study of Population, Air Pollution and School Recycling in Hong Kong Author Name: Wenhui DONG and Yuanxi LI

WS#21	
The 10th International Workshop on Integrated Social CRM (iCRM 2025) Online: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODhhMDQzMWYtZTM4Zi00ZDU3LWE2ZmUtNDA3ZGE0ZDhNTYx%40thread.v2/0?context=%7b%22Tid%22%3a%22cc3998de-d1ee-4ab8-85c2-19fee5f70b64%22%2c%22Oid%22%3a%22555fc5ab-8665-4ab3-9639-e7e43bce7c3a%22%7d	
Introduction	
23:00-23:00 (GMT+8 Beijing Time)	Welcome Message by Organizers - Olaf Reinhold, University of Cooperative Education Saxony/Social CRM Research Center, Germany
Paper Presentation (Online)	
23:10-23:40 (GMT+8 Beijing Time)	Paper Id: S21201 Paper Title: Social CRM for Stakeholder Engagement and Social Innovation in the Circular Economy Author: Cristina Alejandra Barahona Cabrera and Olaf Reinhold
23:40-00:10 (GMT+8 Beijing Time)0	Paper Id: S21202 Paper Title: Opinion Mining in Telecom: Comparing Traditional, Deep Learning, and LLM Models Author: Gustavo Ubeda, Solange Rezende, and Fábio Lobato
00:10-00:40 (GMT+8 Beijing Time)	Paper Id: S21204 Paper Title: Analysis of Topics and Sentiments in Tweets and News Reports on Brazilian Cultural Festival Author: João Gabriel Pereira Ferreira, Ana Carolina Cutrim Bessa, Fábio Manoel França Lobato, and Antônio Fernando Lavareda Jacob Junior
End of Day 3	

Day 4 – Tuesday: 18 November 2025	
WS#11	
The 2nd Workshop on Large Language Models in Practice Online: https://wilfrid-laurier.zoom.us/j/94507285919	
Paper Presentation (Online)	
14:00-14:20	Paper Id: S11203 Paper Title: LLM-Based Evaluation Pipeline for Assessing Automatically Generated Responses

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	Author: Nicole Gomes, Jonas Queiroz, Diogo Paes, and Ivan Guilherme
14:20-14:40	Paper Id: S11201 Paper Title: Memory Meets Style: Adaptive Fine-Tuning and Contrastive RAG for Smart Code Review Automation Author: Sumukh Naveen Aradhya, Melody Moh, and Teng-Sheng Moh

WS#10	
The International Workshop on AI and Big Data on the Web: Insights, Challenges, and Applications Online: https://teams.microsoft.com/l/meetup-join/19%3ameeting_ODE5OWUzNTQtY2FkOC00ZmYzLTk0YzktODhhNWwZTM4YTRj%40thread.v2/0?context=%7b%22Tid%22%3a%227335011f-1748-4902-8dee-6f4dac036859%22%2c%22Oid%22%3a%220b30cda4-6061-4623-b319-7c94d4c4f399%22%7d Meeting ID: 273 252 152 096 2 – Passcode: j27vk7HW	
Invited Talk (Online)	
9:00-9:20 (GMT+8)	The Implementation Gap: How AI Readiness Frameworks Bridge CS Innovation and Real-World Adoption Dr. Robert Voss, Northwest Missouri State University, USA
Paper Presentation (Online)	
9:20-9:40 (GMT+8)	Paper Id: S10203 Paper Title: INADS: Network-Level Protection for Web Infrastructure Through Hierarchical multilayer Intrusion Detection Author Name: Akash Thanneeru and Zhengrui Qin
9:40-10:00 (GMT+8)	Paper Id: S10205 Paper Title: A Fuzzy Set-Based Precision Dimming System for Energy-Saving Heat Preservation Lamps Author Name: Zhiyuan Wang, Lantian Guo, Wen Zou, and Haohua Qin
10:00-10:20 (GMT+8)	Paper Id: S10201 Paper Title: Blockchain-based non-aggregated emergency rescue data security sharing framework Author Name: Yang Cheng, Wei-fan Zheng, and Jing Song

WS#19	
WORKSHOP ON BUILDING AGENTIC AI APPLICATIONS WITH LLMs Online: https://us06web.zoom.us/j/87066804460?pwd=54XMXrwaSL98XlZ0YcJ2isyitLNqHS.1 Meeting ID: 870 6680 4460 – Passcode: 2025	
09:00-12:00	Noushath Shaffi, Sultan Qaboos University, Oman Training on building agentic AI applications with LLMs

WS#3		
Web Intelligence for Human Interaction (WIFHI)		
Room: WB.2.11		
Time	Event	Venue
14:00-14:30	Invited Talk Neowork of Actors for Spiral of Social Evolution - Sae Kondo, Mie University and The University of Tokyo, Japan	
14:30-14:45	Network of dare, care, and trust - Shozuke Inoue and Yukio Ohsawa	WB.2.11
14:45-15:00	Web of Inconsistencies	WB.2.11

	- Shozuke Inoue, Kaira Sekiguchi, and Yukio Ohsawa	
15:00-15:20	Emotional Inteaction System Design - Mohammed Almuhaydib and Hongying Meng	WB.2.11
15:30 – 18:00	Communication Salon Chance Discovery in Urban Web Intelligence - Yukio Ohsawa and Sae Kondo	WB.2.11

Day 0 - Friday and Day 1 - Saturday: 14 November 2025 and 15 November 2025

WS#3

First WI-IAT 2025 International MASST Initiative Workshop Schedule

Courtyard by Marriott London City Airport
10 Connaught Road, Silvertown, London, England, E16 2AE
Co-Chairs: Jeffrey M. Bradshaw and Mufti Mahmud
Contact information: jbradshaw2@me.com, +1 850-232-4345

Friday, November 14

7:00 Breakfast

Opening Session

8:00 Jeffrey M. Bradshaw, IHMC, USA
What Is MASST and Why Do We Need It?
8:30 David D. Woods, The Ohio State University, USA
AI Gold Rush #2 Meets Dynamic High-Risk Worlds at Scale
9:00 Panel Discussion
9:30 Break

Morning Session 2: Group 1

9:45 Caryn Lusinch, Global Governance Institute, European Union
Fragmented Control, Collective Risk: Multi-Agent AI and the Coming Governance Crisis
10:00 Jordan Shlain, founder of Private Medical, San Francisco, USA
Don't Patch It—Replace It: A Doctor's Guide to the Next Health System
10:15 Larry Bunch, James Lott, Will de Beaumont, and Jairun Diemart, IHMC, USA
Luna 2.0: Instrumenting a Modern Agent Framework with Semantic Policy Services
10:30 Peter-Paul van Maanen and Jurriaan van Diggelen, TNO, The Netherlands
LLM-Mediated Delegation in Multi-Agent Ground Operations: Leveraging GPAI Autonomy while Preserving Meaningful Human Control
10:45 Nicolò Romandini and Rebecca Montanari, University of Bologna, Italy
Enabling Trustworthy Agentic AI through Blockchain Technology
11:00 Panel Discussion
11:30 Lunch

Afternoon Session 1: Group 2

12:30 William J. Clancey, IHMC
A Scientific Design Methodology for Complex Multiagent Systems
12:45 Dane A. Morey and Michael F. Rayo, The Ohio State University, USA
Joint Activity for Resilient Multi-Agent System Performance: Architectures, Heuristics, Testing, and Monitoring
13:00 Pat Langley and Christopher J. MacLellan, Georgia Institute of Technology, USA
Abstract Models of Human-AI Teams
13:15 Martijn IJtsma and Sal Hargis, The Ohio State University, USA
Computational Work Modeling as an Exploratory Tool for Envisioning Multi-Agent Systems
13:30 Guy Boy, ESTIA Institute of Technology, France
Human Systems Integration in the Design of Increasingly Autonomous Systems
14:00 Panel Discussion

14:30 Break

Afternoon Session 2: Group 3

- 14:45 Reza Jalaeian and Robert Hoffman, The Ohio State University and IHMC, USA
Trust Across Cultures: Toward a Culturally Informed Macrocognition Framework for Human-AI Teaming
- 15:00 Robert Morris and Niranjani Suri, IHMC
- 15:15 Alessandro Amato, Raffaele Galliera, K. Brent Venable, and Niranjani Suri, IHMC, USA
Encoding Goals as Graphs: Structured Objectives for Scalable Cooperative Multi-Agent Reinforcement Learning
- 15:30 Hussein Samma, King Fahd University of Petroleum and Minerals, Saudi Arabia
LLM-based Multi-Agent Framework for Collaborative Indoor Drone Inspection
- 15:45 Alessandro Amato, Raffaele Galliera, K. Brent Venable, and Niranjani Suri, IHMC, USA
When to Measure: A MARL Approach for Efficient Tracking
- 16:00 Tarek Helmy and Azizah Alqahtani, King Fahd University of Petroleum and Minerals, Saudi Arabia
A Multi-Agent-Based Framework Utilizing Federated Transfer Learning for DDoS Attack Detection
- 16:30 Discussion
- 17:00 End of Day 1

Dinner

Saturday, November 15

- 7:00 Breakfast
- 8:00 Mufti Mahmud, King Fahd University of Petroleum and Minerals, Saudi Arabia
Opening Remarks

Morning Session: Group 4

- 8:15 Henry Lieberman and David Canfield Smith, Massachusetts Institute of Technology
The Aladdin's Lamp Problem: Be Careful What You Wish For from LLM Agents
- 8:30 Michael A. Goodrich and Eric G. Mercer, Brigham Young University, USA
Layers of Assurance for Multiagent Autonomous Systems
- 8:45 Yuri A. Tijerino, Kwansei Gakuin University, Japan
WittyHead: An Empathetic Architecture for Human-Agent Collaboration
- 9:00 Jurriaan van Diggelen, TNO, The Netherlands
Dystopian Science-Fiction Science for Understanding Multi-Agent Influence Campaigns
- 9:15 Kazuko Kotoku, Yasushi Miyazaki, and Yuri Tijerino, Kwansei Gakuin University, Japan
Digital MOAI: AI-Enhanced Traditional Mutual Aid Networks for Vulnerable Communities
- 9:30 William Lawless, Paine College, USA
Interdependence Generalizes: It Explains Why Cognitive Science Does Not
- 10:00 Matthew Johnson, Dale Perkins, and Hakki Sevil, IHMC and University of West Florida
Understanding Scalability in Multi-Agent Teams
- 10:30 Discussion
- 11:00 Small Group Synthesis Discussions and Preparation
- 12:30 Lunch

Afternoon Session: Final Perspectives

- 13:30 Ted Selker, University of Colorado, University of Colorado, USA
Social Intelligence for Teaming
- 13:45 Berry Billingsley, Swansea University, Wales
TBD

Small Group Synthesis Presentations and Large Group Discussion

- 14:00 Group 1 Presentation and Discussion



FULL PROGRAMME

14:45 Group 2 Presentation and Discussion

15:30 Group 3 Presentation and Discussion

16:15 Group 4 Presentation and Discussion

17:00 Discussion of Next Steps

17:30 Day 2 adjourned

Dinner

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