

Day-1

Event	Note	Time
Registration		8:00-18:00
Open Ceremony		8:30-9:00
Keynote 1	Ursula Hess	9:00-10:00
Coffee Break		10:00-10:30
Session 1 - Datasets, Tools, and Emotion	Asian Emotional Body Movement Database: Diverse Intercultural E-Motion Database of Asian Performers (DIEM-A) Affective Priming Score: A Data-Driven Method to Detect Priming in Sequential Datasets ANX: a multimodal affective dataset for anxiety related emotions over extended sessions Diversity benefits: Integrating Datasets for Improved Valence Estimation	10:30-12:30
	Emotions as Ambiguity-aware Ordinal Representations GatedxLSTM: A Multimodal Affective Computing Approach for Emotion Recognition in Conversations Long-term variability in Physiological-Arousal Relationships for Robust Emotion Estimation Steal and Smile: Impact of Emotion Regulation and Social Values on Smiles in Social Conflicts	
Lunch		12:30-14:00
Session 2 - Face and Physiology	Video Joint-Embedding Predictive Architectures for Facial Expression Recognition Generating Synthetic Images with Asymmetric Facial Expressions for Inclusive Facial Expression Recognition Expert Involvement in Facial Emotion Recognition: A Systematic Review Improving Personalisation in Valence and Arousal Prediction using Data Augmentation Detecting Car Passenger Comfort Levels through Physiological Sensing and Machine Learning Qualitative exploration of physiological mannerisms of acrophobia during virtual reality heights exposure	14:00 - 15:30
Coffee Break		15:30 - 16:00
Keynote 2	Dom Dwyer	16:00-17:00
Demo Session		17:00-18:00
Reception		18:00-20:00

Day-2

Event	Note	Time
Registration		8:00-18:00
Keynote 3	Flora Salim	9:00-10:00
Coffee Break		10:00-10:30
Session 3 - Speech and LLMs	Affect Models Have Weak Generalizability to Atypical Speech Switchboard-Affect: Emotion Perception Labels from Conversational Speech Multi-Dimensional Ordinal Embedding for Attribute Modeling in Speech Emotion Recognition Assessing Consciousness-Related Behaviors in Large Language Models Using the Maze Test Uncertainty-Aware Affect Prediction in Conversation Using Conformal Prediction An Active Learning-based Global-Distribution Attention Model for Multimodal Sentiment Analysis LLM-Driven Multimodal Fusion: Enhancing Depression Detection through Textual Feature Augmentation Emotion in Art-Elicited Texts, Interpreted by GPT-4o: Self vs. Third-Person Perspectives	10:30-12:30
Lunch		12:30-14:00
Ask Me Anything Session	4 Keynotes	14:00 - 15:00
Session 4 - Medical	Towards Context-Aware Multimodal AI for Assessment of Autism in Children Adaptive Captioning with Emotional Cues: Supporting DHH and Neurodiverse Learners in STEM Assessing Pain Relief in Virtual Reality: A Multimodal and Machine Learning Approach	15:00 - 15:45
Coffee Break		15:45-16:15
Session 5 - Mental Health	caseKG: A LLM-Based Knowledge Graph for Mental Schema Analysis Learning Longitudinal Stress Dynamics from Irregular Self-Reports via Time Embeddings Balancing Performance and Fairness: The Role of Text in Multimodal Depression Detection in Vlogs Physiological analysis on the effect of laughter contagion on interlocutors' mental states The Impact of Explainable AI on Human Decision-Making in Speech-Based Depression Assessment	16:15-17:30
LBR Flash Talks (5min)	Human Empathy as Encoder: AI-Assisted Depression Assessment in Special Education Enhancing Personality Recognition by Comparing the Predictive Power of Traits, Facets, and Nuances Context- and Personality-Aware Emotional Expression Design via Creator-Embodied Agents: A Pilot Study Ensembling Large-Language Models to Characterize Affective Dynamics in Student-AI Tutor Dialogues Beyond Scale: Small Language Models are Comparable to GPT-4 in Mental Health Understanding Emotion AI in the Wild: Responsible Deployment of Affective Computing in Real-world Workplaces	17:30-18:00
DC and LBR posters	15 posters from previous LBR and DC talks	18:00-19:00
Banquet		19:00 - 23:00

Day-3

Event	Note	Time
Registration		8:00-18:00
Keynote 4	Yaser Sheikh	9:00-10:00
Coffee Break		10:00-10:30
Session 6 - Gesture, Body, and A	From the movement of my opponent: Temporal gesture recognition from electromyography in the Rock-Paper-Scissors game	10:30 - 12:15
	Method of Extraction and Affective Role of Facial Self-Touch Gestures in Knowledge Work	
	CEST: Integrating Cognitive Science and Bayesian Change-Point Detection for Behavior Segmentation	
	Generative Learning as a Tool to Improve Perception of Emotional Body Motion Expressions	
	Hi5 🖐️: Synthetic Data for Inclusive, Robust, Hand Pose Estimation	
	Investigating AI in Peer Support via Multi-Module System-Driven Embodied Conversational Agents	
	Emotionally-Aware Agents for Dispute Resolution	
Lunch		12:30-14:00
DC Flash Talks (3min)	Multimodal AI in the Assessment and Communication of Health Risks in a Changing Environment	14:00 - 14:30
	Children's Data Protection in the AI-based Education	
	Enhancing Machine Sign Language Understanding by the Use of Auxilliary Data	
	Design Emotion-aware and Culturally Adaptive ASR Captioning for Inclusive STEM Education	
	Studying Genomics of Social Interaction in Autism Spectrum Disorder Employing Machine and Deep Learning Approaches	
	The Heart Wants What it Wants: How Can ECG Foundation Models Help Us Understand Emotions?	
	Fair, Explainable, and Personalized Treatment Outcome Modelling in Mental Healthcare	
	Affective Multimodal Modeling and Chatbot Design for Responsible Retail and Clothing Try-on	
	Decoding Social Interaction to Understand Traumatic Behaviors in Social Dyanmics	
AAAC Town Hall		14:30-15:00
Closing Ceremony		15:00

Day-4

Event	Note	Time
Registration		8:00-18:00
Coffee Break 1		10:00-10:30
Lunch		12:30-14:00
Coffee Break 2		15:30-16:00
Doctoral Consortium		9:00-14:00
Workshops & Tutorials		9:00-18:00