

2025/10/14	会议议程/Agenda	
8:30-8:45	Opening Speech (吉祥厅/Jixiang Hall 3 rd Floor)	
8:45-9:40	Key Speech: REVERIE: A deep reinforcement learning-based VR sports system to combat adolescent obesity by Prof. Bin Sheng	
	Session A (吉祥厅/Jixiang Hall 3 rd Floor)	Session B(牡丹厅/Mudan Hall 2 nd Floor)
	Track1: Visual and Interactive Computing 1 Session Chair: Alexei Sourin	Track2: Cognitive Human-machine Interaction 1 Session Chair: Olga Sourina
9:45-10:05	8342 Edge-Guided Remapping Fusion Network: A Prior-Optimized Framework for Camouflaged Object Detection. Mengjiao Lu and Mingyong Pang.	8217 Dual-Phase Graph Refinement: Pruning Noisy Edges and Augmenting Tail Links for Recommendation. Ziyuan Zhu, Wentao Huang, Jinhui Zhang and Haibo Ye.
10:05-10:25	3605 FingerSlider: A Single-Handed Multi-Attribute Gesture Interface for Intuitive VR Control. Bofei Huang, Mikiya Kusunoki and Haoran Xie.	4021 A CVAE-Enhanced Virtual IMU Contrastive Learning for Wearable Human Activity Recognition. Chengshuo Xia and Qingrui Wang.
10:25-10:45	8634 An Efficient Lightweight Network with Depthwise Separable Convolutions for Medical Image Segmentation. Shujuan Guo, Kerui Cheng and Jianfeng Wang.	6936 Consolidated Competence Assessment of Seafarers Using Eye-Tracking, Speech Analysis, and EEG-Based Stress Evaluation. Kan Hon Wong, Yisi Liu, Vishakha Lall, Jia Da Lim, Chee Onn Tham and Ashwin Madhav Khandke.
10:45-11:05	6756 Accelerating Hierarchical GNN-Based Cloth Simulation via Efficient Message Passing. Chuang Yin, Tao Peng, Saishang Zhong, Li Li, Zili Zhang and Xinrong Hu.	3879 Olfactory-Enhanced VR Training with AI-Based Assessment for Safe Ammonia Handling in Maritime Operations. Chao Tian, Conrado Ii Timonera De Los Reyes, Soon Ling Tan, Andrew Qihan Chan, Silva Fermin Carlos Iii De Dios, Edric Yi Sheng Then, Yisi Liu and Chee Onn Tham.
11:05-11:25	8869 BPNet: A Bidirectional Position-Aware Network for Camouflaged Object Detection. Mengjiao Lu and Mingyong Pang.	3486 Exploring and Applying Virtual Reality in Career Guidance: Pedagogical Applications, Skill Development, and Adoption in Practice. Ekaterina Prasolova-Førland, Hannah Owens Svenningsen, Marianna Pizzo, Mikhail Fominykh and Heidi Fossen.
11:25-11:45	5376 Structure Aware and Implicit Restoration for Low-Light Light Field Image Compression. Yuan Shi, Jimin Wang, Yiren Chen, Xianyang Wang and Deyang Liu.	1465 Advancing Emotion Recognition through Physiological Signal Fusion and Machine Learning. Ahmad Tarawneh, Kamel Aloui, Omar Khouadja and Mohamed Saber Naceur.
11:45-12:05	5603 Low-Frequency First: Eliminating Floating Artifacts in 3D Gaussian Splatting. Jianchao Wang, Peng Zhou, Cen Li, Rong Quan and Jie Qin.	7474 Enhancing Egocentric Object Detection in Static Environments using Graph-based Spatial Anomaly Detection and Correction. Vishakha Lall and Yisi Liu.
12:00-13:30	Lunch (二楼西餐厅/Western Restaurant, 2 nd Floor)	
	Track1: Visual and Interactive Computing 2 Session Chair: Weiming Wang	Track3: Cyberworlds Meet AIGC and LLM 1 Session Chair: Xueyu Liu
13:30-13:50	9450 Medical Open Set Recognition via Intra-class Clustering. Xiangyun Liao, Shihao Zou, Hanqiu Deng and Weixin Si.	5712 SpecMedRAG: A Multi-Granularity Graph RAG for Specialty Medicine. Yuyang Song, Zhen Duan, Jie Chen and Shu Zhao.
13:50-14:10	1148 Sound from the Air by Optical Tracking in Real Time. Alexei Sourin and Mian Xing.	1579 Semantic Integrity Preserving Recommendation Framework with Large Language Models. Rongbing Niu, Yunfeng Fan and Haibo Ye.
14:10-14:30	2691 Asymmetric Dual-Encoder and Width-Dependent Feature Interaction for Road Extraction in Remote Sensing Images. Ruyi Liu, Junhong Wu, Qiguang Miao, Zhigang Sun, Lei Wang and Panshi Guo.	5627 A lightweight method for generating precise number of 3D object instances from text prompts. Kan Chen, Jin Qi Yeo, Aik Beng Ng, Frank Guan and Simon See.
14:30-14:50	2997 StarGS: Towards Real-Time Dynamic Scene Rendering via Gaussian Splatting with Spatiotemporal-Aware Density Control. Zhihao Liu, Mingwei Cao and Haifeng Zhao.	9516 ProDoKE: An LLM-Guided Prompt Chaining with Domain Knowledge for Depression Detection. Lang Chen, Jie Chen, Shu Zhao and Chenchu Xu.

14:50-15:10	7244 Enhanced Context-Guided Aggregation Network for Remote Sensing Change Detection. Xiao Zhang , Zhengyi Liu, Ruibin Zhao and Xingsheng Lu.	3338 TaP-SAM: Text- and Point-Guided SAM for Nuclei Instance Segmentation. Ketian Li , Peng Li and Mingqiang Wei.
15:10-15:30	0946 A Lightweight Transformer Model for UAV Crowd Counting. Keshu Feng , Xiaodong Wang, Lianjun Zhang, Min Luo and Jian Yuan.	7075 Dual Fine-Tuning and Dual Alignment Training for Medical Language Models. Junyu Lu and Zehua Chen.
15:30-15:50	6599 Self-supervised Learning Scheme For Human Activity Recognition with Virtual Skeletal Data Based on 3D Motion Generation. Chengshuo Xia and Xinyi Chen.	8716 TC-SQL: Table Completion-Based Optimization of Schema Linking for Text-to-SQL. Yunlong Zhao , Yang Li and Zhewen Pan.
15:50-16:00	Coffee Break	
	Track1: Visual and Interactive Computing 3 Session Chair: Weiming Wang	Track 3: Cyberworlds Meet AIGC and LLM 2 Session Chair: Guangze Shi
16:00-16:20	8471 ClothMotion: Pose-Guided Temporal Consistent Garment Mask Generation. Huiyun Qiu , Zhenyang Zhu, Jianhui Zhang and Xiaoyang Mao.	2597 Semantic Compensation and Localization for Color Vision Deficiency. Zhenyang Zhu , Zhencheng Chen and Xiaoyang Mao.
16:20-16:40	1963 TGGI: Text-Guided Object Removal in 3D Gaussian Scenes via Multi-View Image Inpainting. Liangyuan Zhang , Zhe Zhu and Lina Gong.	9151 Research on Grain Recognition Algorithm Based on Class-Balanced Sampling Method . Yun Diao and Guagjie Liu.
16:40-17:00	7970 YOLOv11-TinyED: An Edge-Optimized Lightweight Framework for Sporopollen Detection in the Qinghai-Tibet Plateau. Fubo Wang , Sheng-Ling Geng and Mingcong Dang.	2972 ESBC-Net: Efficient Semantically-aware Boundary Constraint Network for Medical Image Segmentation. Lina Pang , Jiangpeng Shi and Jianfeng Wang.
17:00-17:20	6072 VoxelFlow: 2D Semantic Mask-Guided Voxel Flow for Open-Vocabulary 3D Instance Segmentation. Ting Han , Chaolei Wang, Huan Chen, Jin Ma and Yiping Chen.	6393 A method for pig body condition scoring based on MobileSAM. Zeyun Zhang , Libo Sun, Xiaoyu Chang, Jiacheng Tang, Weipeng Shi and Wenhui Qin.
17:20-17:40	6533 Cross-Domain Personal Identification Framework Based on Intraoral Photographs. Zhean Ma , Zhenfei Wang, Zhenyang Zhu, Xiaodiao Chen, Kotaro Kubo and Xiaoyang Mao.	8601 FPMamba: A Frequency-Prior Mamba for Brain MRI Synthesis with Random Modalities Missing. Chao Hu , Peng Li and Mingqiang Wei.
17:40-18:00	3443 POLA-UNet: Enhancing U-Net via Polarity-Aware Linear Attention for Medical Image Segmentation. Jiarui Cao , Ying Wang, Guangze Shi, Jingcao Liu and Xueyu Liu.	9973 A Study of Large-scale Charging Station Siting and Multi-objective Capacity-setting Method Based on Stochastic Particle Swarm Algorithm. Min Zhao , Guohui Li, Zhenlai Xia, Hui Qi and Zhicheng Sun.
18:00-19:30	Buffet (二楼西餐厅/Western Restaurant, 2nd Floor)	