Session 7 Virtual Reality Technologies
虚拟现实技术

14:00-17:20, Saturday, **October 28**, 2023

Location: Room 2-3（Second Floor）of Great Hall ／ 会议中心 2-3 会议室

Chair: Yang LI, Beijing University of Aeronautics & Astronautics

Vice-Chair: Yakang DAI, Chinese Academy of Sciences；Haitao YUAN, Beihang University

Organizer: Virtual Reality and Simulation Committee of CSS；Beihang University

	Title	Reporter	Chairs
14:00-14:40	Intelligent Assisted Diagnosis of Brain Diseases Based on Multimodal Neural Imaging and Machine Learning	**Yakang DAI**, *Chinese Academy of Sciences*	**Weigang CUI**, *Beihang University*
14:40-15:20	Dual Meta-Learning with Longitudinally Generalized Regularization for One-Shot Brain Tissue Segmentation Across the Human Lifespan	**Chunfeng LIAN**, *Xi'an Jiaotong University*	
15:20-16:00	Automatic CT Segmentation of Pancreatic Calculus in Patients with Chronic Pancreatitis	**Dehui XIANG**, *Soochow University*	
16:00-16:20	*Tea Break*		
16:20-16:40	Generative Adversarial Network for Multimodal Brain MR Image Synthesis with Feature-level Consistency Regularization	**Mingyang LIU**, *Changchun University of Technology*	**Yakang DAI**, *Chinese Academy of Sciences*
16:40-17:00	In Vivo Tumor Respiratory Motion Prediction Based on Riemannian Information Enhancement	**Chang YANG**, *Hebei University*	
17:00-17:20	Mis-segmentation Region Refinement Based on nn U-Net Framework for Infant Brain Extraction on Low-field MR Images	**Keyi HE**, *Changchun University of Technology*	

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14：00－14：40	Profit－Optimized Computation Offloading with Autoencoder－Assisted Evolution in Large－Scale Mobile－Edge Computing	**Haitao YUAN**, *Beihang University*	**Weigang CUI**, *Beihang University*
14：40－15：20	Spatial－Temporal Characteristics of Brain Functional Network Analysis and Application	**Shijie ZHAO**, *Northwestern Polytechnical University*	
15：20－16：00	The Automatic Segmentation of Brain FiberTracts	**Bao GE**, *Shaanxi Normal University*	
16：00－16：20	*Tea Break*		
16：20－16：40	Contrastive Learning Based Convolutional Neural Network for Infant Brain Tissue Segmentation with Enhanced Edge Feature Extraction	**Guofei HONG**, *Xuzhou Medical University*	**Haitao YUAN**, *Beihang University*
16：40－17：00	GTF－DPNet：Gate－guided Transformer Fusion Based Diffusion Probabilistic Network for Retinal Vessel Segmentation	**Weigang CUI**, *Beihang University*	
17：00－17：20	A Cross－Scale Transformer and Multi－View Attention Based Temporal－Spectral Feature Fusion Network for EEG－Based Target Detection	**Jie LUO**, *Beihang University*	