2024 International Workshop

Recent advancement and innovations in 3D modeling and behavior analysis

Date: **2024-04-19**

Location: **Room D509, 4rd Engineering Hall**

This workshop presents a unique fusion of 3D technologies and behavioral analysis, showcasing the latest advancements aimed at revolutionizing how we interact with the digital and physical world. Through a series of talks from distinguished experts, we explore the creation and application of 3D datasets, the precision of structured light in modeling, the processing of 3D point clouds, and the nuanced understanding of human facial expressions. Each session is designed to provide comprehensive insights into the potential of these technologies to impact various fields, from enhancing non-verbal communication for the deaf community to pushing the boundaries of digital reconstruction and intelligent systems.

	GMT+9 Seoul	Session	Presenter
	15:00	Opening	**Sanghoon Lee** (Yonsei University)
	15:05	Building A Comprehensive 3D Sign Language Dataset	**Jongyoo Kim** (Yonsei University)
	15:30	Advances in High-Resolution 3D Modeling with Structured Light	**Jae-Sang Hyun** (Yonsei University)
	15:55	Q&A	
19-Apr	16:05	Coding, Processing & Evaluating 3D Point Clouds	**Weisi Lin** (Nanyang Technological University)
	16:55	Q&A	
	17:05	Learning to Read Facial Expressions	**Wen-Huang Cheng** (National Taiwan University)
	17:55	Q&A	
	18:05	Closing	**Sanghoon Lee** (Yonsei University)

HOSTs   Yonsei University AI-Cluster

Organizer   Yonsei University Brain Korea 21 FOUR Program, Global Education and Research Center for Convergence Technology