

Intelligent Multimedia Processing International Joint Research Lab Workshop 2021



**Research on Intelligent Image Processing for future
technology development**

Date : June 23rd, 2021 (09:45~15:15 GMT+9)

Location : Fully Online

We have witnessed significant advances in multimedia research and applications due to the rapid development in digital media, computing power, communication speed, and storage capacity. Multimedia has become an indispensable aspect in contemporary daily life, and many research topics in applications ranging from contents generation, transmission, to visualization are being actively studied. Along with the emergence of deep learning technology, multimedia processing techniques have become much more sophisticated, providing users with more diversified media experiences.

In this workshop, we will discuss the forefront of multimedia processing studies for future technology. Along with the ongoing evolution of technology, studies on multimedia processing would expand continuously. In this workshop, we will cover the topics on multimedia processing of the whole lifecycle, including generation, editing, transmission, visualization, and interaction, and discuss the blueprint of future multimedia studies.

	 GMT+9	 GMT+8	Session	Presenter
June 23 rd (Wed)	09:45 ~ 10:00	08:45 ~ 09:00	Opening	Sanghoon Lee (Yonsei University)
	10:00 ~ 11:00	09:00 ~ 10:00	Research on Visual Experience Measurement for Future Multimedia Systems	Sanghoon Lee (Yonsei University)
	11:00 ~ 12:00	10:00 ~ 11:00	Deep Learning for Underwater Image Processing	Chia-Hung Yeh (National Taiwan Normal University)
	12:00 ~ 13:00	11:00 ~ 12:00	Conditional Image Generation	Jianfei Cai (Monash University)
	13:00 ~ 14:00	12:00 ~ 13:00	New Directions & Approaches in Modeling 2D/3D QoE and Opportunities for Collaboration	Weisi Lin (Nanyang Technological University)
	14:00 ~ 15:00	13:00 ~ 14:00	Immersive Video Coding and Quality Assessment	Ping An, Chao Yang (Shanghai University)
	15:00 ~ 15:15	14:00 ~ 14:15	Wrap up	

HOSTs Yonsei University Y-BASE AI Group, Yonsei University AI-Cluster

Organizer Yonsei University Brain Korea 21 FOUR Program, Y-BASE R&E Institute