2021 International Workshop of Domestic and Foreign AI scholars Invitation

and

Yonsei University Y-BASE AI Group

Next-generation AI techniques to construct the metaverse

Date : **August 27th, 2021**

Location : **Fully Online**

Interest in metaverse technology that projects the user's self into virtual space has recently increased. To service the metaverse, where a 3D virtual environment is built to maximize user satisfaction, it is essential to make a large amount of database and provide a smooth network communication environment without delay. In addition, techniques for creating precise 3D objects close to real-life should be studied for interaction that maximizes the realism of the metaverse space.

This workshop discusses research on next-generation AI technologies for building metaverses. In the session, we will introduce and discuss techniques for implementing metaverse components.

	GMT+9	GMT+8	Session	Presenter
August 27 (Fri)	09:45 ~ 10:00	08:45 ~ 09:00	Opening	이상훈 교수 (연세대학교)
	10:00 ~ 11:00	09:00 ~ 10:00	Utilization of Database	윤희돈 박사 (㈜ 지앤티솔루션)
	11:00 ~ 12:00	10:00 ~ 11:00	Future Techniques and Next-generation Mobile Communication	이호재 박사 (LG 전자)
	12:00 ~ 13:00	11:00 ~ 12:00	Real-world Intelligent Robot Control Technique based on Reinforcement Learning	김성현 박사 (한국전자통신연구원)
	13:00 ~ 14:00	12:00 ~ 13:00	Lunch Break	
	14:00 ~ 15:00	13:00 ~ 14:00	Introduction to Neural Radiance Fields	김종유 박사 (Mircrosoft Research Asia)
	15:00 ~ 16:00	14:00 ~ 15:00	Visual Object Tracking in Plenoptic Content	오희석 교수 (한성대학교)
	16:00 ~ 17:00	15:00 ~ 16:00	Telecommunication Network	권범 박사 (㈜ 삼성전자)

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

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