

Construction, Human, and Empathy

Prof SangHyun Lee, University of Michigan



Dr. SangHyun Lee is a Professor, John L. Tishman Faculty Scholar, and the Associate Department Chair of Research in Civil and Environmental Engineering at the University of Michigan and leads the DPM (Dynamic Project Management) Lab. He is also an entrepreneur who successfully founded Kinetica Labs, Inc.

Abstract: The infrastructure that maintains our daily lives is human built and maintained. Constructing this infrastructure, however, comes with issues such as a significant number of worker fatalities/injuries and inefficient project deliveries. In this talk, the speaker will introduce his research efforts toward the realization of empathy in construction.



Time 6th Oct 2022,
9:00-11:00 (online)



Moderator: *Asst Prof
Kim Jinwoo*

Dr. Jinwoo Kim is an Assistant Professor at NTU CEE. His research vision is to transform the construction industry to be more productive, human-friendly, and safer. To this end, he leverages digital technologies such as AI, computer vision, and deep learning.

Digital Transformation and Smart Construction Trends in Korea

Prof Seokho Chi, Seoul National University



Dr. Seokho Chi is a Professor at the Department of Civil and Environmental Engineering at Seoul National University. He is also a co-founder of Site Vision, Inc., a startup in the field of smart construction.

Abstract: Recently, Korean government pushes digitalization of the construction industry a lot for enhancing efficiency and effectiveness of management practices and thus strengthening international competitiveness. Prof. Seokho Chi has developed state-of-the-art technologies that are proved to be used in the fields immediately including intelligent CCTV, sensing modules collecting environmental information of sites, AI-based infrastructure condition assessment platforms, construction document analyzers using NLP, and others.

Scan QR
code for
registration:

