

# International Workshop for Structural Optimization 2023

Date : August 17(Thu.), 2023, 10:00~18:00 (KST)

Location : HIT 417, Hanyang University

Chairman : Prof. Gil Ho Yoon

Time	Speaker	Topic
10:00 ~ 12:00	ALL	Campus Tour
12:00 ~ 13:00	ALL	Registration
13:00 ~ 13:30	Prof. Gil Ho Yoon, Hanyang University	Structural optimization for multiphysics problems
13:30 ~ 14:00	Prof. Mathias Wallin, Lund University	Topology and shape optimization of hyper-elastic structures
14:00 ~ 14:30	Prof. Matti Ristinmaa, Lund University	Exploring the Potential of Electroactive Polymers : Investigating Forward and Inverse Motion Problems
14:30 ~ 15:00	ALL	Break
15:00 ~ 15:30 (ZOOM)	Prof. Xu Guo, Dalian University of Technology	Large-scale topology optimization via Problem Independent Machine Learning (PIML)
15:30 ~ 16:00	Prof. Dongjin Lee, Hanyang University	Reliability-based shape design optimization under dependent random variables
16:00 ~ 16:20	Dr. Ki Hyun Kim, Hanyang University	Structural Topology Optimization based on Reinforcement Learning
16:20 ~ 16:40	Dr. Minsik Seo, Hanyang University	Latent Representation of Microstructure for Multi-Scale Topology Optimization
16:40 ~ 17:00	Jeonghan Yu, Seoul National University	Mechanism Topology Optimization of Knee Self-Aligning Exoskeleton
17:00 ~ 17:10	ALL	Closing Remark