

Annual Art in Engineering Research Workshop of SEU and KADK

Advanced Structures Series: Tensegrity and Thin Wall Structures

Brief

This seminar is the second part to the Art in Engineering Research Workshop held on July 2019 at SEU. The program starts with a re-cap lecture of July seminar; followed by an excursion to the Tensegrity LED Chandelier in Bella Sky Hotel, which was the very example presented to the students in July. After the excursion, the students are required to submit an individual report, which summaries their research study in both workshops held in SEU and KADK. It is acceptable for students to prepare the reports as compositions of various literature reviews, as long as the reviews have done in a thorough manner with the inclusion of clear personal reflections and descriptions on the possible proposed research aspects. For the submissions are at the end of third day, it is advised to start preparing for the report in prior to the seminar.

On the last day, the workshop will arrange a networking event with researchers and students from CITA (Centre for Information Technology and Architecture) of KADK. SEU and KADK have individually developed the research interests in the design and construction of lightweight structures, and thin wall systems in isotropic materials such as steel and aluminum have been one of the exploration areas. Therefore, the purposes of the event are 1) to share existing information and knowledge in thin wall structures research, 2) to discuss based on each other's expertise and resources the possible research collaborations.

Dates & Programme

September 30 th	Recap Lectures Visit Bella Sky Tensegrity Project
October 1 st	Student Work and Report Preparation
October 2 nd	Student Work and Report Preparation Report Submission and Presentation
October 3 rd	Research Network with CITA – Thin Wall Structures Student Work – Defining Research Fields
October 4 th	Student Work – Defining Research Fields Short Presentation of Research Topic Proposal Closing.

Organisers

Associate Professor Daniel Sang-Hoon Lee

Professor Jianguo Cai

