

## Visit of Architectural Services Department and Buildings Department of the Government of Hong Kong SAR for discussion on Applied R&D in Public Works

**2022.08.17**

Under the coordination of Project Strategy and Governance Office (PSGO), Development Bureau, Ir AU YEUNG Hoi Pang, Assistant Director of Buildings Department (BD) together with a team of engineering delegates from BD and Architectural Services Department (ArchSD) visited CNERC to explore use of high strength S690 steel in construction on 17 August 2022. Prof. K.F. Chung, Director of CNERC, received both ArchSD and BD delegates together with PSGO delegates as follows:

### BD delegates:

- Ir AU YEUNG Hoi Pang, Assistant Director
- Ir Shirley CHAN Yin Chi, Senior Structural Engineer
- Ir Wendy FONG Suk Wai, Senior Structural Engineer
- Ir LUK Man Kit, Senior Structural Engineer
- Ir Cyrus NG Ka Lok, Structural Engineer
- Ir Steve HO Ming Ho, Structural Engineer
- Ir William WAN Chi Hong, Structural Engineer

### ArchSD delegates:

- Ir KAN Chun Yuk, Project Director
- Ir Ken HO Yiu Chung, Chief Structural Engineer
- Ir Simon WONG Kin Kwok, Chief Structural Engineer
- Ir Peter LAM Kin Wai, Senior Structural Engineer
- Ir Patrick LEE Cheuk Hang, Senior Structural Engineer
- Ir Sam LEUNG Siu Sum, Senior Structural Engineer
- Ir Tim LI Wai Yip, Senior Structural Engineer
- Ir Jet LAM Chun Kit, Structural Engineer
- Ir Martin NG Chi Lun, Structural Engineer
- Ir Teresa WU Chung Yuk, Structural Engineer

### PSGO delegates:

- Ir Joseph LO Kwok Kuen, Principal Assistant Secretary (Project Capability and Strategy)
- Ir CHOW Sui Ping, Assistant Secretary
- Ir Elton TANG Cheong Nam, Assistant Secretary
- Ir Stephen CHOW Hing, Assistant Secretary

CNERC office bearers:

- Prof. K. F. Chung, Director of CNERC
- Dr. T. M. Chan, Associate Professor of CEE
- Dr. Andy Y.F. Leung, Associate Head (Partnership) of CEE
- Dr. H. C. Ho, Research Assistant Professor
- Dr. Y. F. Hu, Research Assistant Professor
- Dr. Lilian M.F. Hui, Principal Research Fellow



A group photo of ArchSD, BD and PSGO delegates together with CNERC office bearers



ArchSD, BD and PSGO delegates visiting Laboratory Y001

The delegates visited the Structural Engineering Research Laboratory, Laboratory Y001, of the PolyU, and were introduced about the research and testing capabilities of the CNERC for large-scale structural tests. The delegates were also introduced to a number of research and development projects on high strength S690 and S960 steels.



Prof. K. F. Chung and Ir H. P. Au Yeung



After the laboratory tour, a discussion on applied research and development on high strength S690 steel construction was held among ArchSD, BD, PSGO and CNERC. The following items were presented and discussed:

- a) Applied R&D in public works by PSGO
- b) Missions and visions of CNERC and its recent research achievements by CNERC
- c) Re-engineering of pilot public works projects using high strength S690 steel

A vigorous discussion was held among the delegates after the presentations, and delegates from both ArchSD and BD had expressed interests in various technical details of the use of high strength steel in construction, in particular, welding processes and inspections. It was suggested to the delegates to gather queries among their colleagues, and provide them to the CNERC. The CNERC would handle the queries systematically, and technical information would be provided as appropriate.