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## Visit of China Building Metal Structure Association 2024.09.12

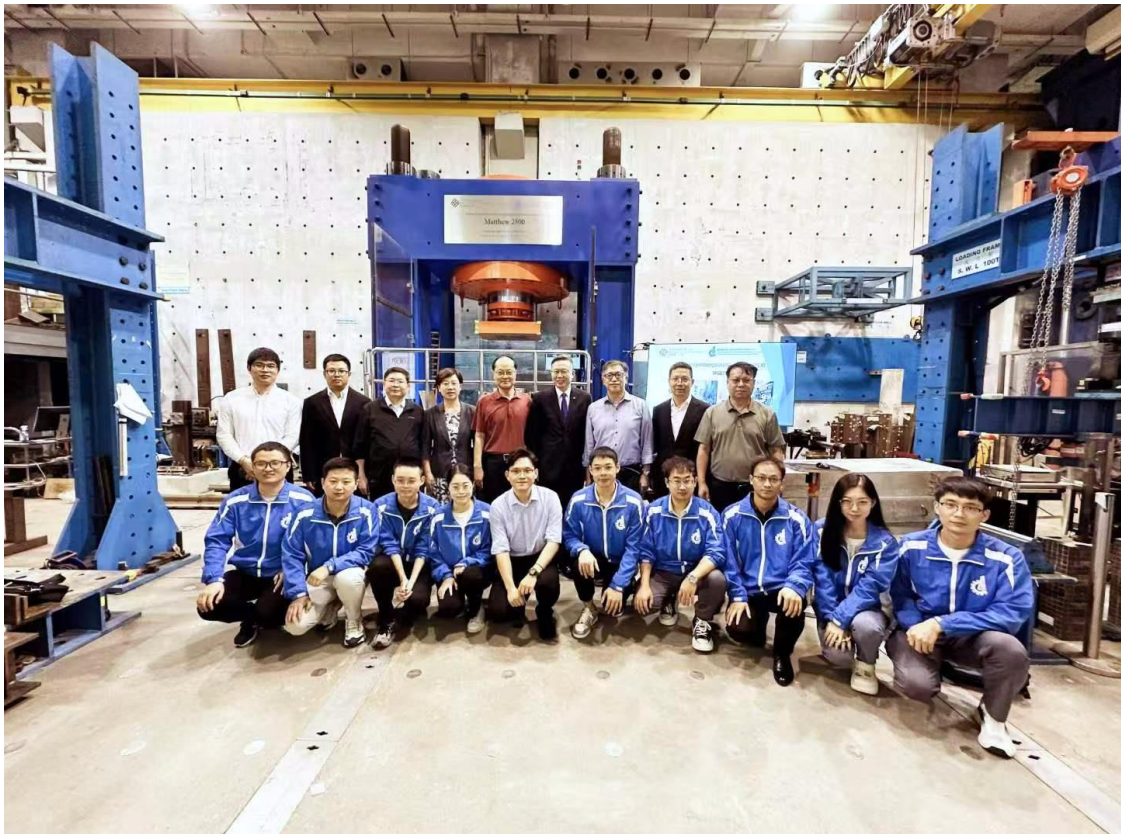
Prof. J. P. Hao, President of China Building Metal Structure Association, Prof. X. Y. Sun, Secretary General, Prof. Y. F. Luo, Leader of Expert Group, Prof. L. J. Wang, National Survey and Design Master, Mr. Y. K. Hu, Executive Vice President of Steel Structure Branch, and Mr. F. Yang, Vice President of Bridge Branch, visited CNERC on 12 September 2024, and had in-depth exchanges with the research team of CNERC on scientific research and engineering application of 690 MPa high-strength steel steel structure. Prof. K. F. Chung, Director of CNERC, Dr. Y. F. Hu, Assistant Professor (Research), and Dr. B. Li, Postdoctoral Fellow, participated in the discussion.

In the morning, Prof. Chun led the experts to visit the double-arch steel bridge of the Tseung Kwan O Cross Bay Link, which was built by China Road and Bridge, and took a group photo there. Afterwards, the experts visited the Structural Engineering Laboratory and Welding Technology Laboratory of CNERC at PolyU. Dr. Hu gave a detailed introduction to the in-depth and systematic research work of the CNERC on 690 MPa high-strength steel structures in the past decade. Starting from the mechanical properties and microstructural analysis of high-strength steel, the research field was gradually expanded to the welding control, structural response, and standard formulation of high-strength steel, and finally promoted its application in engineering projects in Hong Kong, Macau, and mainland China, such as the double-arch steel bridge of the Tseung Kwan O Cross Bay Link, which has been completed and put into use, and the steel structure dome of the Yuen Long Sports Center, which is still under construction. The report was detailed and rich, and President Hao and other delegates responded positively and enthusiastically.

After the meeting, President Hao and his delegation took photos with PolyU President J. G. Teng, Prof. Chung, and the research team of the CNERC.



Prof. Chung took a group photo with Prof. Hao, President of the China Building Metal Structure Association, and other experts



Prof. Hao and experts took photos with President Teng, Prof. Chung, and CNERC research team



Group photo of the experts at the double-arch steel bridge of the Cross Bay Link in Tseung Kwan O, Kowloon East