

A visit by Innovation and Technology Commission 2016.10.26

On 26 October 2016, ITC officials visited the research-oriented units of the Hong Kong Polytechnic University, in particular, two Partner State Key Laboratories (PSKLs), two Chinese National Engineering Research Centres (Hong Kong Branches), and the Aviation Services Research Centre. The ITC officials were:

- **Ms. Annie Choi**, ITC Commissioner
- **Ms. Zorina Wan**, Assistant Commissioner (Policy and Development)
- **Mr. Carlton Man**, Manager (Policy and Development)

Prof. Timothy Tong, President, **Prof. Philip Chan**, Deputy President and Provost, and **Prof. Alexander Wai**, Vice President (Research Development) received ITC officials, and introduced latest developments in technological innovation of the University. Moreover, ITC officials visited a number of laboratories and facilities of the University. **Prof. K.F. Chung** was invited to report to ITC officials latest development and research activities of the CNERC for Steel Construction (Hong Kong Branch). He also guided ITC officials to visit the Structural Engineering Research Laboratory of the University.

The PolyU representatives were:

- **Prof. Timothy Tong**, President
- **Prof. Philip Chan**, Deputy President and Provost
- **Prof. Alexander Wai**, Vice President (Research Development)
- **Prof. K.Y. Wong**, Associate Vice President (Research Support), and Director of Partner State Key Laboratory of Chirosciences
- **Dr. Sandy To**, Associate Director of the Partner State Key Laboratory of Ultraprecision Machining Technology
- **Prof. K.F. Chung**, Director of Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch)
- **Prof. Y.Q. Ni**, Director of Chinese National Rail Transit Electrification and Automation Engineering Technology Research Centre (Hong Kong Branch)
- **Prof. Mark Hayman**, Chief Executive Officer of Aviation Services Research Center
- **Dr. Terence Lau**, Director of Innovation & Technology Development
- **Dr. Virginia Cheng**, Head of Research Office

Prof. K.F. Chung took this opportunity to thank the ITC for its funding to support establishment of CNERC for Steel Construction (Hong Kong Branch) at the Hong Kong Polytechnic University. Prof. Chung elaborated potential positioning of the Hong Kong Construction Industry in creating synergy with the China Steel Construction Industry, in particular, to facilitate export of Chinese structural steelwork to overseas projects.

Moreover, CNERC was committed to promote effective design and construction using Chinese steel materials and structural members in Hong Kong and Macau, and major cities in the Region. Key features of the following two publications were also elaborated to ITC officials:

- *Selection of Equivalent Steel Materials to European Steel Materials Specifications*, March 2015, and
- *Effective Design and Construction to Structural Eurocodes: EN 1993-1-1 Design of Steel Structures*, June 2015.



The ITC officials visited the Structural Engineering Research Laboratory to appreciate experimental works of the CNERC.



Prof. K.F. Chung explained details of structural tests on high strength S690 steel welded sections to Ms. Annie Choi.



Prof. K.F. Chung elaborated on key findings of experimental investigations into instability of slender columns of high strength S690 steel welded sections.



Dr. T.M. Chan, Dr. Michael Yam,
Prof. Alexander Wai, Prof. K.F. Chung, Ms. Annie Choi, Ms. Zorina Wan, Mr. Carlton Man, Dr.
Virginia Cheng, Dr. Terence Lau, and Dr. H.C. Ho.