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A visit by Prof. Ahmed Elghazouli, Imperial College London

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CNERC was honoured to have Prof. Ahmed Elghazouli at the Imperial College London visited the CNERC on 7 June 2017. Prof. Elghazouli is Head of the Structures Section at the Department of Civil and Environmental Engineering, Imperial College London, with more than 25 years of experience in structural engineering research and specialist consultancy work worldwide. Imperial College London is one of the main collaborators of the CNERC in research, development and engineering application.



From left to right: Dr. T. M. Chan, Dr. Michael Yam,
Prof. Ahmed Elghazouli and Prof. K. F. Chung.

Prof. K.F. Chung introduced the background, establishment and positioning of the CNERC to Prof. Elghazouli, and Prof. Elghazouli provided valuable insights to the research and development activities of the CNERC.

Prof. Elghazouli was amazed to know about the challenges of the Chinese steel industry and its ever-increasing steel tonnages produced every year in the last 30 years. Prof. K. F. Chung informed him that one of the main functions of the CNERC being in Hong Kong was to act as a window for the Mainland China to promote export of Chinese Construction Industry, in particular, Chinese steel materials and structural steelwork.

Prof. Elghazouli advised that recently, he completed a research project on “*application of stainless steel in marine environments*”, and he shared the view that corrosion was an imminent challenge facing by the steel construction industry in both the U.K. and Hong Kong. As stainless steel was very expensive, it was not obvious for practicing engineers to specify the use of stainless steel in reinforced concrete structures. Prof. K. F. Chung also reported to Prof. Elghazouli about a CNERC project on “atmospheric corrosivity of exposed structural steelwork”, and seven outdoors stations in various parts of Hong Kong have been set up for long term corrosion tests on exposed steel structures.

A dinner gathering was held by Prof. K. F. Chung for Prof. Elghazouli in the evening to meet old and new friends on structural engineering and steel construction.



Dinner among friends!