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CNERC Engineering Forum 2018 - “Design of Buildings and Structures in Low to Moderate Seismicity Regions”

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The Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch) (CNERC) organized its first Engineering Forum – “Design of Buildings and Structures in Low to Moderate Seismicity Regions” on 4 June 2018. Three world-renowned earthquake engineering experts were invited to make presentations on current issues relating to the seismic design of buildings in low to moderate seismicity regions.

Speakers:

- Mr. Edmund Booth, Consulting Engineer, United Kingdom;
- Professor John Wilson, The Swinburne University of Technology, Australia; and
- Professor Nelson Lam, Centre for Disaster Management and Public Safety, The University of Melbourne, Australia.



CNERC Engineering Forum 2018 - “Design of Buildings and Structures in Low to Moderate Seismicity Regions”

The Forum was jointly organized by the CNERC and the Hong Kong Constructional Metal Structures Association, and supported by the Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University.

The CNERC was pleased to have Professor You-Lin XU, Dean of the Faculty of Construction and Environment, The Hong Kong Polytechnic University to give the Welcoming Address, and Mr. W. K. Pun, J. P., Head of Geotechnical Engineering Office, The HKSAR Government to deliver the Opening Address.



Welcoming Address by Prof. Y. L. Xu



Opening Address by Mr. W. K. Pun, J. P.



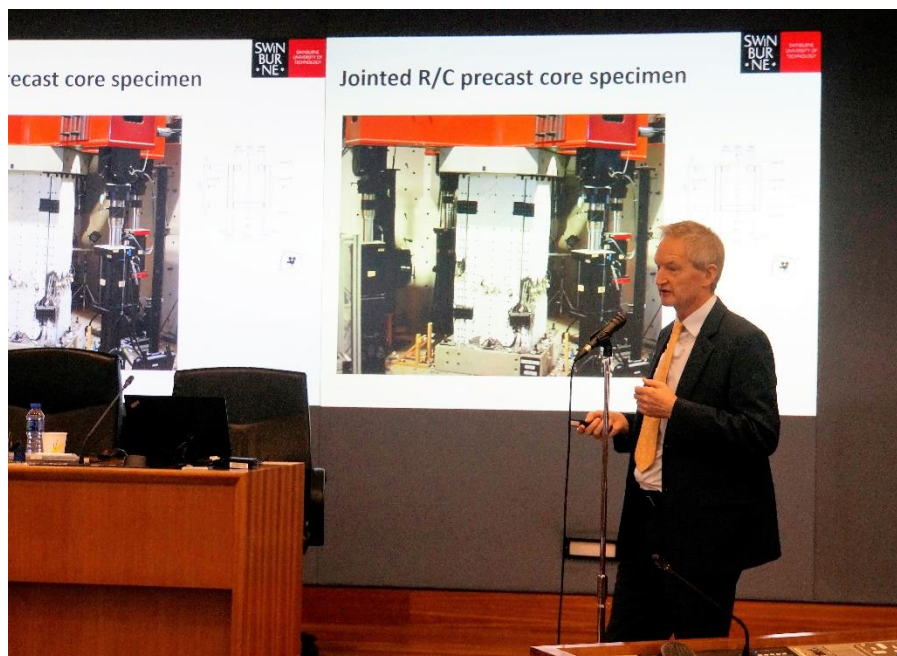
From left: Mr. Edmund Booth, Mr. W. K. Pun, Prof. K. F. Chung, Prof. John Wilson, Prof. Nelson Lam and Mr. Y. K. Cheng

Mr. Y. K. Cheng, Past President, The Institution of Structural Engineers chaired the first session conducted by Mr. Edmund Booth on the topic “Issues for Structural and Geotechnical Engineers in Areas of Low to Moderate Seismicity”.



Presentation by Mr. Edmund Booth

Followed by, Professor John Wilson, Swinburne University of Technology, Australia gave his presentation on “Seismic Performance of Limited Ductile Reinforced Concrete Buildings”.



Presentation by Prof. John Wilson

Professor Nelson Lam, The University of Melbourne, Australia gave a presentation on Introducing “Design of Buildings and Structures in Low to Moderate Seismicity Regions”.

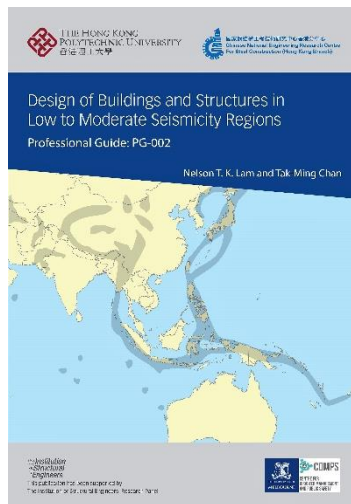


Presentation by Prof. Nelson Lam



Q&A session conducted by Panel of Experts

On this occasion, the CNERC took pride to launch a new Professional Guide entitled: “Design of Buildings and Structures in Low to Moderate Seismicity Regions”.

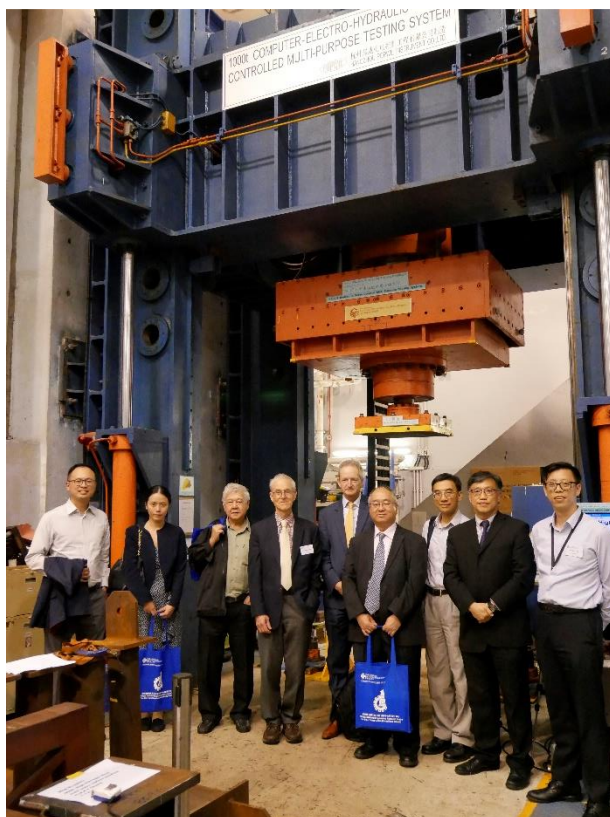


Professional Guide – “Design of Buildings and Structures in Low to Moderate Seismicity Regions”

This Professional Guide represents CNERC’s continued contribution towards the building of a resilient world community. The underlying objective is to maintain living standards and improve safety in the face of natural disasters such as earthquakes. The scope of the undertaking in its entirety is broad, drawing expertise from many allied disciplines. Managing natural disasters entails developing adequate mitigation measures and preparedness levels. This Professional Guide is concerned specifically with mitigating the impact of future disasters by improving the robustness of newly constructed buildings in regions of low to moderate seismicity through a better understanding of hazard assessment and design methodology. The targeted readers are designers of building structures and policy makers in these regions.



Closing Remarks by Prof. K. F. Chung



Delegates of the Engineering Forum visited the Structural Engineering Research Laboratory at PolyU



The three experts paid a visit to the CNERC