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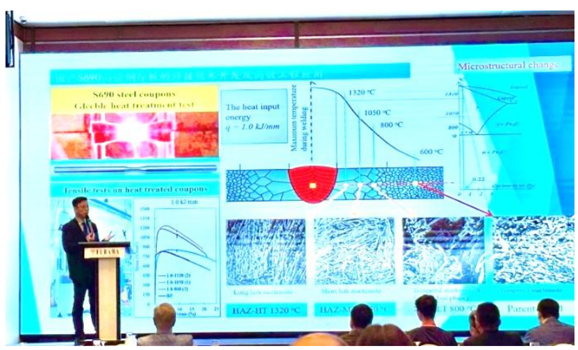
The 12th International Conference on Advances in Steel Structures (ICASS 2025)
2025.12.10

Prof. K.F. Chung, Director of CNERC, was invited by the 12th International Conference on Advances in Steel Structures (ICASS 2025) to make a keynote presentation entitled "*Effective use of S690 to S960 high strength steel in construction*". The Conference was organized by the National University of Singapore from 9 to 12 December 2025. Both Dr. H.C. Ho, Deputy Executive Secretary, and Dr. W. Chen also attended the Conference.

This International Conference serves as a platform for renowned researchers and engineers to disseminate their new findings on advanced design and construction technology of steel structures. Experts from the United Kingdom, the Netherlands, Singapore, China and Hong Kong have been invited to share their knowledge and experience in steel design and construction. It should be noted that it was held together with the 4th International Symposium on Industrialized Construction Technology (ISICT 2025).

Owing to unexpected commitments of Prof. Chung in Hong Kong, the keynote presentation was delivered by Dr. H. C. Ho who shared a systematic research and development on S690 to S960 high strength steel structures conducted at CNERC for more than a decade. These works have facilitated a number of engineering projects in Hong Kong, Macau and the Mainland China.



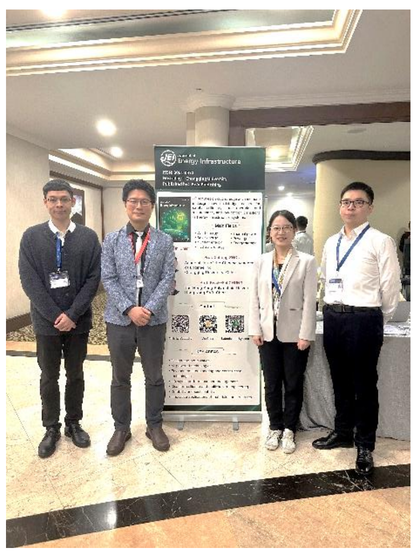
Dr. H. C. Ho gave a keynote presentation entitled
"Effective use of S690 to S960 high strength steel in construction"

About 200 academics and researchers attending the Conference

Dr. W. Chen gave two technical presentations at the Conference, namely, i) fatigue performance of high strength S690 welded T-joints, and ii) mechanical properties of S690 laser-arc hybrid welded sections. He had a number of technical discussions with world-renowned professors and researchers after the presentations.

Dr. W. Chen gave a presentation on mechanical behaviour of
high strength S690 steel laser-arc hybrid welded sections

A full house of academics and researchers



A photo of Prof. F. Xu, Prof. X.D. Qian, Dr. W. Chen and Dr. Y. Zhao
promoting the Journal of Energy Infrastructure