

# Seminar on Floating Solutions for Challenges Faced by Humanity

22 October 2018, 3:30-5:00pm, Z406, PolyU  
The Hong Kong Polytechnic University

## *Biography of the Speaker*

*Prof. Chien Ming WANG*

*Professor*

*School of Civil Engineering,*

*The University of Queensland, Australia*



Prof. C.M. Wang is the TMR Chair Professor in Structural Engineering, the University of Queensland. He is a Chartered Structural Engineer, a Fellow of the Institution of Engineers Singapore, a Fellow of Academy of Engineering Singapore, a Fellow of the Institution of Structural Engineers and a Fellow of the Society of Floating Solutions (Singapore). His research interests are in the areas of structural stability, vibration, plated structures and Mega-Floats. He has published over 420 journal papers and co-authored 9 books such as Very Large Floating Structures, Structural Vibration, Shear Deformable Beams and Plates. He is an Editor-in-Chief of the International Journal of Structural Stability and Dynamics and an Editorial Board Member in several journals including Engineering Structures, International Journal of Applied Mechanics, and Ocean Systems Engineering. He has won many awards that include the IStructE Singapore Structural Award, Keith Eaton Award, Lewis Kent Award, IES Prestigious Engineering Achievement Award, and the Grand Prize of the Next Generation Container Port Challenge.

## *Introduction*

Presented in this seminar are floating solutions for solving a diverse host of challenging problems such as land crunch for infrastructure, straits and river crossings over deep waters and soft seabed, large tidal variations in harbours, expansion of port terminals in deep waters, pollution free aquaculture, energy shortage, protection of fragile shorelines and valuable assets from extreme waves, lack of vibrancy in water bodies, land scarcity for real estates and entertainment outlets, and climate refugees as a result of rising sea level due to global warming. A vision of floating cities/countries will also be presented.

**Enquiries: Miss Autumn Lin**  
(Tel: 3400 8535, Email: [qiu.lin@polyu.edu.hk](mailto:qiu.lin@polyu.edu.hk))