



# *Seminar*

Title: ***Existing research on advanced composite structures at the University of Queensland, Australia***

Presenter: *Dilum Fernando*  
*PhD, Lecturer*  
*Director of The Centre for Future Timber Structures*  
*The University of Queensland, Australia*

Time: *January 13 2016 (Wednesday), 14:00-15:30*

Venue: *A326, An-Zhong Building*

## ***Summary:***

*This seminar will provide a brief overview of the existing research on advanced composite structures at the University of Queensland, Australia. Some of the key topics covered in this presentation include constitutive modelling of bonded interfaces subjected to cyclic loading, fibre reinforced polymer (FRP) strengthening of pre-stressed bridge girders, novel hybrid FRP-timber thin-walled structures, and novel double skin tubular arches for bridge construction.*

## ***About the Presenter:***

*Dilum Fernando is a Lecturer in Structural Engineering and is Director of The Centre for Future Timber Structures at The University of Queensland. He has also worked as a Post-Doctoral researcher at ETHZ, Switzerland and as a Structural Design Engineer in Melbourne office of Aurecon. His research interests include emerging structural materials and systems, the structural use of FRP composites in construction, life-cycle structural engineering, steel structures, and thin-walled structures.*

*Announced by Space Structures Research Ceneter*

*January 8 2016*