

**Professor Seok-Hee Hong**  
**Future Fellow**  
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**Biography:**

Prof. Hong is a Professor and a Future Fellow at the School of IT, University of Sydney. She was a Humboldt Fellow in 2013-2014, and a project leader of VALACON (Visualisation and Analysis of Large and Complex Networks) project at NICTA (National ICT Australia) in 2004-2007. Her research interests include Graph Drawing, Algorithms, Information Visualisation and Visual Analytics.

In 2006, she won the CORE (Computing Research and Education Association of Australasia) Chris Wallace Award for Outstanding Research Contribution in the field of Computer Science, for her research "Theory and Practice of Graph Drawing". The award was given for notable breakthroughs and a contribution of particular significance.

Prof. Hong has held research funding of 4.5 Million, from her 3 Fellowships (Future Fellowship, ARC Research Fellowship and Humboldt Fellowship), 3 ARC Discovery Projects and 2 ARC Linkage Projects including her latest project on "Algorithmics for Visual Analytics of Massive Complex Networks". She has more than 140 publications including 10 edited books, 7 book chapters, 40 journal papers, and 90 conference papers, and she has given 10 invited talks at international conferences as well as 50 invited seminars worldwide. In particular, she has developed an open source visual analytic software GEOMI with her research team members.

Prof. Hong serves as a Steering Committee member of GD (International Symposium on Graph Drawing), IEEE PacificVis (International Symposium on Pacific Visualization) and ISAAC (International Symposium on Algorithms and Computations) and an editor of JGAA (Journal of Graph Algorithms and Applications). She has served as a Program Committee Chair of AWOCA 2004, APVIS 2005/2007, GD 2007, ISAAC 2008 and IEEE PacificVis 2013, and a Program Committee Member of 50 international conferences. In particular, she has formed the Information Visualisation research community in the Asia-Pacific Region, by founding IEEE PacificVis Symposium.