**Professor Zhang Shoucheng (1963-2018)**

It is with sadness that we learn of the early demise of the eminent Chinese-American physicist, Professor Zhang Shoucheng, the J.G. Jackson and C.J. Wood Professor in Physics at Stanford University, at the age of 55 on Dec 1, 2018, after a bout of depression. Our sincere condolences to his family.

Since 2006, Prof. Zhang had been a strong supporter of the scientific programs at the Institute of Advanced Studies (IAS), Nanyang Technological University (NTU). He gave ground-breaking science talks at four conferences organized by IAS:

- **International Workshop on Spintronics, 8-12 May 2006.** *Quantum Spin Hall Effect I and II*

- **Conference in Honor of C N Yang’s 85th Birthday, 31 Oct – 3 November 2007.** *Quantum Spin Hall Effect*

- **Conference in Honor of the 90th Birthday of Freeman Dyson, 26-29 August 2013.** *Topological insulators and superconductors*

- **Conference on 90 years of Quantum Mechanics, 23-26 January 2017.** *Discovery of the Chiral Majorana Fermion*

It was at the International Workshop on Spintronics that he came up with the idea that the quantum spin Hall (QSH) effect could be realized in mercury telluride–cadmium telluride semiconductor quantum wells. It resulted in a Science paper that has been cited more than 3,000 times.

At the Conference in Honour of the 90th Birthday of Freeman Dyson, he held an interactive session with students on 26th August 2013 where he gave useful advice to young scientists and shared his personal experience in research, particularly in the frontier field of topological insulators. A transcript of that session is available here.

Rest in peace, Professor Zhang Shoucheng!