

Kwokwai Chan 陳國威 is a Professor at the Chinese University of Hong Kong. He obtained his PhD in Mathematics in 2008 from the Chinese University of Hong Kong (CUHK) under the direction of Professor Conan Leung. He subsequently held postdoctoral positions at Harvard University (under the mentorship of Professor Shing-Tung Yau), Institut des Hautes Études Scientifiques (IHÉS) and the Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU) at the University of Tokyo. He joined the faculty of CUHK in 2011. Prof. Chan is a geometer. His research mainly focuses on geometric aspects of Mirror Symmetry - a mysterious duality between the complex and symplectic geometry on different Calabi-Yau manifolds which was discovered by string theorists in 1989. Much of his research has been to understand this miraculous phenomenon via the Strominger-Yau-Zaslow conjecture. Recently, he also works on (generalized) complex geometry and quantum field theory.