International Workshop on Complex Geometry

Jointly organized by
Department of Mathematics and The Institute of Mathematical Sciences, CUHK

April 18-19, 2013
Room 502A, Academic Building No. 1, CUHK

Organizers: Professor Kwokwai Chan (CUHK) & Professor Conan Leung (CUHK)

Lecture series by Martijn Kool (Imperial College London, UK)

Invited speakers:
- Huai-Dong Cao   (Lehigh University, USA)
- Huai-Liang Chang   (HKUST, Hong Kong)
- Changzheng Li   (Kavli IPMU, University of Tokyo, Japan)
- Yanki Lekili   (University of Cambridge, UK)

Thursday, April 18, 2013

9:30am – 10:30am	Martijn Kool (Imperial College London, UK) Stable pairs and curve counting I
11:00am – 12:00noon	Martijn Kool (Imperial College London, UK) Stable pairs and curve counting II
2:00pm – 3:00pm	Yankl Lekili (University of Cambridge, UK) An arithmetic refinement of homological mirror symmetry for the 2-torus
3:30pm – 4:30pm	Huai-Dong Cao (Lehigh University, USA) Stability of gradient Ricci solitons
6:00pm	Workshop Banquet

Friday, April 19, 2013

9:30am – 10:30am	Martijn Kool (Imperial College London, UK) Stable pairs and curve counting III
11:00am – 12:00noon	Martijn Kool (Imperial College London, UK) Stable pairs and curve counting IV
2:00pm – 3:00pm	Changzheng Li (Kavli IPMU, University of Tokyo, Japan) Primitive forms via polyvector fields
3:30pm – 4:30pm	Huai-Liang Chang (HKUST, Hong Kong) Witten's top Chern class revisited

Morning and afternoon tea breaks will be served for the duration of the workshop.