

GCOE International Conference

Mirror Symmetry and Gromov-Witten Invariants

Graduate School of Mathematical Sciences
University of Tokyo

December 7 - 11, 2009

TOPICS

Gromov-Witten invariants, Donaldson-Thomas invariants, Derived Categories related to mirror symmetry, Wall-crossing phenomena, Toric degeneration and SYZ mirror symmetry, Tropical geometry, Counting tropical curves/disks, Algebraic geometry of Calabi-Yau manifolds, etc.

SPEAKERS

Andrei Caldararu (Univ. of Wisconsin), Mark Gross* (UC San Diego), Hiroshi Iritani (Kyushu), Akira Ishii (Hiroshima), Bumsig Kim (KIAS), Naichung C. Leung (CU Hong Kong), Jun Li (Stanford), Grigory Mikhalkin (Univ. of Geneva), David Morrison (UC Santa Barbara), Kentaro Nagao (RIMS), Hiraku Nakajima (RIMS), Takeo Nishinou (Tohoku), Keiji Oguiso (Osaka), Yukinobu Toda (IPMU, Tokyo), Chin-Lung Wang (NTU, Taiwan)

* to be confirmed

Organizers: Yujiro Kawamata (kawamata@ms.u-tokyo.ac.jp)
Shinobu Hosono (hosono@ms.u-tokyo.ac.jp)

<http://www.ms.u-tokyo.ac.jp/~hosono/Tokyo2009/MS-GW-tokyo2009.html>