

Wall-crossing in Mathematics and Physics

Lecture Schedule

Monday, May 24

- 9:30 a.m. Correspondences for Stable Pairs
Rahul Pandharipande
- 11 a.m. Quiver Moduli and Wall-crossing I
Markus Reineke
- 2 p.m. Generalized Donaldson-Thomas Invariants and Wall-crossing I
Emanuel Diaconescu
- 4 p.m. Donaldson-Thomas theory near the conifold point
Yukinobu Toda

Tuesday, May 25

- 9:30 a.m. Quantum cohomology of framed sheaves
Davesh Maulik
- 11 a.m. Motivic degree zero Donaldson-Thomas invariants and the virtual motive of the Hilbert scheme of points
Jim Bryan
- 2 p.m. Generalized Donaldson-Thomas invariants and Wall-crossing II
Emanuel Diaconescu

Wednesday, May 26

- 9:30 a.m. Quantum Wall-crossing in $N=2$ gauge theories
Sergei Gukov
- 11 a.m. Quiver Moduli and Wall-crossing II
Markus Reineke
- 2 p.m. Wall-Crossing, Hyperkahler Metrics and Hyperholomorphic bundles
Andy Neitzke

Thursday, May 27

- 9:30 a.m. Wall-crossing and GW invariants
Jacopo Stoppa
- 11 a.m. On the Calculus underlying Donaldson-Thomas theory
Kai Behrend
- 2 p.m. Generalized Donaldson-Thomas invariants and Wall-crossing III
Emanuel Diaconescu
- 4 p.m. Affine algebras and box counting
Balazs Szendroi

Friday, May 28

- 9:30 a.m. The Hilbert scheme of a plane curve singularity and the HOMFLY
polynomial of its link
Vivek Shende
- 11 a.m. Quiver Moduli and Wall-crossing III
Markus Reineke
- 2 p.m. GW/DT correspondence with descendents
Alexei Oblomkov