

Categorical and analytic invariants in algebraic, symplectic and complex geometry

3rd February - 7th February

Lecture Hall, Kavli IPMU

Program

3rd February (Monday)

10:00-11:00 Osamu Iyama

TBA

11:30-12:30 Shinnosuke Okawa

TBA

14:00-15:00 Lutz Hille

TBA

16:00-17:00 Ryo Takahashi

Finiteness of Orlov spectra of singularity categories

4th February (Tuesday)

10:00-11:00 Kyoji Saito

Semi-infinite Hodge structure associated with hyperbolic root systems

11:30-12:30 Atsushi Takahashi

TBA

14:00-15:00 Huijun Fan

Fukaya category of Landau-Ginzburg model via Witten equation

16:00-17:00 Todor Milanov

Genus-0 permutation-equivariant KGW invariants of the point

5th February (Wednesday)

10:00-11:00 Sofia Tirabassi

Effective characterizations of semi-abelian varieties

11:30-12:30 Wahei Hara

Derived equivalence for the simple flop of type G_2^\dagger

Free afternoon

6th February (Thursday)

10:00-11:00 Mikhail Kapranov
TBA

11:30-12:30 Yukinobu Toda
Dolbeault Geometric Langlands conjecture via quasi-BPS categories

14:00-15:00 Rina Anno
TBA

16:00-17:00 Timothy Logvinenko
TBA

7th February (Friday)

10:00-11:00 Katherine Maxwell
TBA

11:30-12:30 Alexei Lvov
TBA

14:00-15:00 Dogancan Karabas
Wrapped and compact Fukaya categories of plumbings

16:00-17:00 Tatsuki Kuwagaki
Hodge microsheaves on cotangent bundles and plumbings