

Program

*Red: Changed on 2nd Feb.

3rd February (Monday)

10:00-11:00 Osamu Iyama
Cohen-Macaulay representations of Artin-Schelter Gorenstein algebras of dimension one

11:30-12:30 Shinnosuke Okawa
On the derived category of Ekedahl's fake projective planes

14:00-15:00 Kyoji Saito
Semi-infinite Hodge structure associated with hyperbolic root systems

16:00-17:00 Ryo Takahashi
Finiteness of Orlov spectra of singularity categories

4th February (Tuesday)

10:00-11:00 Lutz Hille
Polynomial Invariants for Full Exceptional Sequences

11:30-12:30 Atsushi Takahashi
Set of full exceptional collections and mirror symmetry

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
Perverse sheaves on h/W and constant term of Eisenstein series

11:30-12:30 Rina Anno
Barr-Beck theorem for enhanced triangulated categories

14:00-15:00 Yukinobu Toda
Dolbeault Geometric Langlands conjecture via quasi-BPS categories
16:00-17:00 Timothy Logvinenko
The Heisenberg algebra of a vector space and Hochschild homology

7th February (Friday)

10:00-11:00 Katherine Maxwell
The Neveu-Schwarz group and applications to superstring theory
11:30-12:30 Alexey Lvov
Coherent sheaves on maximally singular varieties
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