

## Program

### Friday, 25th May

14:00 opening

14:05 **Claude Sabbah**

15:05 *Coffee / discussion*

15:30 **Takuro Mochizuki**

16:30 *snacks & prosecco*

Universal unfoldings of Laurent polynomials and tt-star structures

On asymptotic behaviour of wild harmonic bundles

### Saturday, 26th May

10:30 *Coffee / discussion*

11:00 **Vicente Cortés**

Differential geometric aspects of  $tt^*$  equations

14:00 **Claus Hertling**

15:10 **Victor Ginzburg**

16:10 *Coffee / discussion*

17:00 **Samson Shatashvili**

Nilpotent orbits of a generalization of Hodge structures and applications to hypersurface singularities

Calabi-Yau algebras

Gauge theories and quantum groups

### Sunday, 27th May

09:30 **Albrecht Klemm**

10:30 *Coffee / discussion*

11:00 **Vincent Bouchard**

Topological String on Compact Calabi-Yau: Modularity and Boundary Conditions

A new recursive method for solving the B-model

15:00 *Sightseeing tour*

18:30 *Conference dinner*

### Monday, 28th May

10:30 *Coffee / discussion*

11:00 **Kevin Costello**

Towards renormalisation of the BCOV theory

14:00 **Tony Pantev**

15:10 **Wolfgang Lerche**

16:10 *Coffee / discussion*

17:00 **Ludmil Katzarkov**

Generalized Hodge structures and mirror symmetry

Matrix factorizations, contact terms and homological mirror symmetry

HMS and algebraic cycles

### Tuesday, 29th May

09:30 **Andrew Neitzke**

10:30 *Coffee / discussion*

11:00 **Andrey Losev**

Holomorphic anomalies and signs of quaternionic geometry in the topological string

Mirrors for projective spaces versus Saito's theory