

The Geometry of Topological D-branes, Categories and Applications:
Workshop on “Higher Categories and Topological Quantum Field Theories”
June 24 - 28, 2013

**Organized by: Sergey Gukov, Anton Kapustin,
Ludmil Katzarkov and Yan Soibelman**

- **Monday, June 24, 2013**

9:30: Registration

10:00 – 11:00: Michael Thaddeus

TBA

11:00 – 11:30: coffee break

11:30 – 12:30: Andrei Caldararu

TBA

12:30 – 14:00: lunch break

14:30 – 15:30: Alexander Polishchuk

A-infinity structures associated with curves

16:00 – 17:00: Alberto Canonaco

Fourier-Mukai dg functors and Morita theory for dg categories

- **Tuesday, June 25, 2013**

10:00 – 11:00: Valery Lunts

Formality of dg algebras (after Kaledin)

11:00 – 11:30: coffee break

11:30 – 12:30: Paolo Stellari

TBA

12:30 – 14:00: lunch break

14:30 – 15:30: Brent Doran

TBA

16:00 – 17:00: Marcello Bernardara

A bridge between commutative and noncommutative motives, and algebraic geometry

- **Wednesday, June 26, 2013**

10:00 – 11:00: Michel Vaquie

Derived Geometry I

11:00 – 11:30: coffee break

11:30 – 12:30: Michel Vaquie

Derived Geometry II

12:30 – 14:00: lunch break

14:30 – 15:30: Nicolo Sibilla

Skeleta of Stein varieties and Homological Mirror Symmetry

16:00 – 17:00: Anthony Blanc

TBA

- **Thursday, June 27, 2013**

10:00 – 11:00: Tony Pantev

Shifted Symplectic Structures I

11:00 – 11:30: coffee break

11:30 – 12:30: Tony Pantev

Shifted Symplectic Structures II

12:30 – 14:00: lunch break

14:30 – 15:30: Marco Robalo

K-Theory and Noncommutative Motives

16:00 – 17:00: Arend Bayer

Derived autoequivalences of generic algebraic K3 surfaces

- **Friday, June 28, 2013**

10:00 – 11:00: George Dimitrov

TBA

11:00 – 11:30: coffee break

11:30 – 12:30: Fabian Haiden

Dimension of Triangulated Categories

Abstracts can be found on <http://www.mat.univie.ac.at/favero/Workshops/Higher.html>

All lectures take place in the ESI Boltzmann Lecture Hall