

PROGRAM WORKSHOP « HIGHER STRUCTURES IN MATHEMATICS AND PHYSICS »

Monday, November 3

- 09:00 - 10:00 Registration
- 10:00 - 11:00 *Ieke Moerdijk*
Infinity categories and infinity operads
- 11:30 - 12:30 *Martin Markl*
Combinatorial differential geometry: reduction theorems revisited
- 14:00 - 15:00 *Benjamin Enriquez*
Quantization of quasi-Lie bialgebras
- 15:30 - 16:30 *Thomas Strobl*
Higher Gauge Theories and Q-bundles
- 17:00 - 18:00 *Pavol Severa*
Higher Lie theory and higher approximations

Tuesday, November 4

- 9:30 - 10:30 *Bernhard Keller*
The periodicity conjecture via 2-calabi-yau categories
- 11:00 - 12:00 *Ezra Getzler*
Topological field theory in two dimensions and Teichmuller space
- 14:00 - 15:00 *Kenji Fukaya*
Various aspects and approaches to chain level string topology
- 15:30 - 16:30 *Barbara Fantechi*
Virtual Riemann Roch (RR) Theorems
- 17:00 - 18:00 *Sergey Shadrin*

Wednesday, November 5

- 9:00 - 10:00 *Vassily Gorbounov*
Chiral differential operators over non-compact manifolds
- 10:30 - 11:30 *Urs Schreiber*
Nonabelian differential cohomology

12:00 - 13:00

Dmitry Tamarkin
Formality of Calculus on a manifold

15:00

Excursion and conference dinner

Thursday, November 6

9:30 - 10:30

Damien Calaque
Tangent (co)homology, Duflo's isomorphism and
Caldararu's conjecture

11:00 - 12:00

Bruno Vallette
Homotopy Batalin-Vilkovisky algebras

14:00 - 15:00

Theodore Voronov
Higher Poisson brackets and differential forms

15:30 - 16:30

Andrei Losev

17:00 - 18:00

Calin-Iuliu Lazaroiu

Friday, November 7

9:00 - 10:00

Arias Abad
Representations up to homotopy and cohomology of
classifying space

10:30 - 11:30

Andre Henriques

12:00 - 13:00

Thomas Willwacher
"Formality theorems" on cyclic (co) chains