

Generalized Geometry and Noncommutative Algebra
5-9 December 2016
University of Oxford
L3

Monday, 5 December

- 9:00-9:30 Registration
9:30-10:15 Justin Sawon, *Deformations of categories and generalized complex manifolds*
10:15-10:45 Tea/coffee
10:45-11:30 Henrique Bursztyn, *Morita equivalence in Poisson geometry and deformation quantization*
11:45-12:30 Michael Bailey, *Weakly holomorphic structures and generalized complex geometry*
12:30-14:30 Lunch
14:30-15:15 Daniel Huybrechts, *Kuznetsov's Calabi-Yau categories: introduction and applications*
15:30-16:15 Wendy Lowen, *The Grothendieck construction and Hochschild cohomology*
16:15-16:45 Tea/coffee
16:45-17:30 Pieter Belmans, *Hilbert schemes of points and noncommutative planes and quadrics*

Tuesday, 6 December

- 9:30-10:15 Daniel Chan, *Noncommutative Mori contractions*
10:15-10:45 Tea/coffee
10:45-11:30 Toby Stafford, *Non-commutative minimal surfaces*
11:45-12:30 Joey van der Leer Durán, *Blow-ups in generalized Kähler geometry*
12:30-14:30 Lunch
14:30-15:15 Ulf Lindström, *Super symmetry, sigma models and geometry*
15:30-16:15 Martin Rocek, *Gauging isometries of generalized Kähler geometries*
16:15-16:45 Tea/coffee
16:45-17:30 Jeffrey Streets, *Generalized Kähler-Ricci flow*

Wednesday, 7 December

- 9:30-10:15 Pavol Ševera, *Deformation quantization in simple cases*
10:15-10:45 Tea/coffee
10:45-11:30 Chris Hull, *Strings, geometry and duality*
11:45-12:30 Maxim Zabzine, *Some thoughts on generalised Kähler potential*
12:30-14:30 Lunch

Thursday, 8 December

- 9:30-10:15 Susan Sierra, *A family of quantised projective spaces*
10:15-10:45 Tea/coffee
10:45-11:30 Paul Smith, *4-dimensional exotic elliptic algebras*
11:45-12:30 Shinnosuke Okawa, *Compact moduli of marked noncommutative del Pezzo surfaces*
12:30-14:30 Lunch
14:30-15:15 Ruxandra Moraru, *Hermitian-Einstein equations over generalized Kähler manifolds*
15:30-16:15 Daniel Waldram, *Algebras from branes and their dual generalised geometries*
16:15-16:45 Tea/coffee
16:45-17:30 Ryushi Goto, *Scalar curvature as moment map in generalized Kähler geometry*

Friday, 9 December

9:30-10:15 Geoffrey E. Schneider, *Recursively generating formality quasi-isomorphisms*
10:15-10:45 Tea/coffee
10:45-11:30 Chelsea Walton, *Noncommutative McKay correspondence*
11:45-12:30 Colin Ingalls, *b-minimal model*
12:30-14:30 Lunch