

GEOMAPS retreat/workshop 2011

Location: **Physics Auditorium** (building 1523 room 318)

Monday 6 June

09.30 – 10.00 Coffee/tea and breadrolls outside the auditorium

10.00 – 10.45 **Søren Fuglede Jørgensen** (AU): *Asymptotic expansion of the Witten--Reshetikhin--Turaev invariant for mapping tori over a torus*

11.15 - 12.00 **Steven Rayan** (Oxford University): *Betti numbers of twisted Higgs bundle moduli spaces at genus 0*

12.00 - 14.00 Lunch

14.00 – 14.45 **Jens-Jakob Kratmann Nissen** (AU): *Tesselations*

14.45 – 15.15 Coffee break

15.15 – 16.00 **Nicola Enrietti** (University of Torino): *Special SKT metrics*

16.15 - Wine and cheese in the QGM lounge (building 1530 - room 326)

Tuesday 7 June

09.30 – 10.00 Coffee/tea and breadrolls outside the auditorium

10.00 – 10.45 **Laura Schaposnik** (Oxford Univeristy): *Principal Higgs bundles*

11.15 - 12.00 **Jakob Blaavand** (AU): *Berezin-Toeplitz deformation quantization of abelian varieties*

12.00 - 14.00 Lunch

14.00 – 14.45 **Shehryar Sikander** (AU): *The Hitchin Fibration and Quantization*

14.45 – 15.15 Coffee break

15.15 – 16.00 **Roberto Rubio** (Oxford University): *Generalized B_n -geometry*

18.00 – 22.30 Special retreat/workshop dinner at [Restaurant Ankara, Skt. Knuds Torv 1, 8000 Aarhus C](#)

Wednesday 8 June

09.30 – 10.00 Coffee/tea and breadrolls outside the auditorium

10.00 – 10.45 **Troels Bak Andersen** (AU): *Filtrations of representations of Lie algebras and quantum groups*

11.15 - 12.00 **Thomas Bruun Madsen** (IMADA, SDU): *(Multi-)moment maps and reductions*

12.00 - 14.00 Lunch

14.00 – 14.45 **Brendan Mclellan** (University of Alberta): *Reidemeister torsion and symplectic volume for Seifert manifolds*

14.45 – 15.15 Coffee break

15.15 – 16.00 **Braxton Collier** (University of Texas at Austin): *Infinitesimal Symmetries of Gerbes and Courant Algebroids*