

GEOQUANT conference **7-11 August 2017**

Sandbjerg Estate, Sønderborg

Programme

Monday 7 August

- 08:00-09:00 Breakfast
09:30-10:30 Bohui Chen - *On equivariant Donaldson theory*
11:00-12:00 Jianxun Hu - *Gromov-Witten invariant and birational geometry*
12:00-13:00 LUNCH
13:15-14:15 Mario Garcia Fernandez - *Ricci flow, Killing spinors, and T-duality in generalized geometry*
14:45-16:45 Q's and A's
18:00 Dinner
20:00 Coffee in the library

Tuesday 8 August

- 08:00-09:00 Breakfast
09:30-10:30 Nikolay A. Tyurin - *Moduli space of special Bohr - Sommerfeld lagrangian cycles for algebraic varieties*
11:00-12:00 Laura Schaposnik - *On some singular fibres of the Hitchin fibration*
12:00-13:00 LUNCH
13:15-14:15 Theodore Voronov - *Microformal geometry, Poisson manifolds and homotopy algebra*
14:45-15:45 Brian Hall - *Old and new unitarity results in "quantization commutes with reduction"*
18:00 Dinner
20:00 Coffee in the library

Wednesday 9 August

- 08:00-09:00 Breakfast
09:30-10:30 Sergei Gukov - *New q-series invariants of 3-manifolds with integer coefficients*
11:00-12:00 Rinat Kashaev - *Teichmüller TQFT: old and new formulations*
12:00-13:00 LUNCH
13:15-14:15 Leonid Polterovich - *Quantum speed limit vs. classical displacement energy*
14:45-16:45 Q's & A's
18:00 Dinner
20:00 Coffee in the library

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Thursday 10 August

- 08:00-09:00 Breakfast
09:30-10:30 Gaëtan Borot - *Quantizing quadratic Lagrangians via topological recursion*
11:00-12:00 Alexander Zheglov - *Cohen-Macaulay modules over the algebra of planar quasi-invariants and Calogero-Moser systems*
12:00-13:00 LUNCH
13:15-14:15 Ryoichi Kobayashi - *A Quantization of Osserman's theory of algebraic minimal surfaces*
14:45-16:45 Q's & A's
18:00 Special 3 course dinner
21:00 Coffee in the library

Friday 11 August

- 08:00-09:00 Breakfast
09:30-10:30 Tatsuya Tate - *Quantum walks defined by periodic unitary transition operators*
11:00-12:00 Ekaterina Shemyakova - *Differential Operators and Darboux Transformations in Supergeometry*
12:00-13:00 LUNCH
13:15-14:15 Siye Wu - *Deformation of the prequantum action*
14:45-16:45 Q's and A's
18:00 Dinner
20:00 Coffee in the library