

CTQM Nielsen Retreat at the Sandbjerg Estate, 17-21 October 2007

PROGRAMME

Wednesday 17/10

- 14:45 Departure from CTQM. We meet in the parking lot in front of bldg. 1.530.
17:00 Arrival at Sandbjerg
18:00 Dinner

Thursday 18/10

- 08:00-09:00 Breakfast
09:45-10:45 **Alexey Bondal:** *Symplectic Groupoids*
11:15-12:15 **Jens Christian Larsen:** *Groups of Hyperbolic Isometries Preserving a Quadratic Form*
12:15-13:00 Lunch
14:00-15:00 **Guillaume Théret:** Pseudo-Anosov Maps, Geodesic Laminations and Stretches
15:15-16:15 **Alex Bene:** Fatgraphs and Representations of the Mapping Class Group
18:00 Dinner

Friday 19/10

- 08:00-09:00 Breakfast
09:30-10:30 **Robert Penner:** *Asymptotics of the Cell Decomposition of Teichmüller Space*
11:00-12:00 **Emmanuel Wagner:** *Virtual Diagrams and Triply Graded Link Homology*
12:00-13:00 Lunch
13:15-14:15 **Jean-Baptiste Meilhan:** *Borromean Surgery Formula for the Casson Invariant*
14:45-15:45 **Aasa Feragen:** *Topological Stability of Smooth Maps*
16:15-17:15 **Rasmus Villemoes:** *Degree One Cohomology of the Mapping Class Group with Twisted Coefficients.*
19:00 Special Dinner

Saturday 20/10

- 08:00-09:00 Breakfast
09:45-10:45 **Roland van der Veen:** *The Volume Conjecture for Knotted Trivalent Graphs*
11:15-12:15 **Niels L. Gammelgaard:** *Hitchin's Connection in Half-form Corrected Quantization*
12:15-13:00 Lunch
14:00-15:00 **Cristina Martínez:** *Torsion Points of Jacobians Acting on Moduli Spaces of Vector Bundles*
15:15-16:15 **Hajime Fujita:** *Quantum Clebsch-Gordan Condition and Heisenberg Action*
18:00 Dinner

Sunday 21/10

- 08:00-09:00 Breakfast
09:45-10:45 **Gwénaél Massuyeau:** *On the Torelli Lie Algebra and the Lie Algebra of Homology Cylinders*
11:15-12:15 **Nuno Miguel Romão:** *Spectral Data of Singular Monopoles*
12:15-13:00 Lunch
14:00-15:00 **Thomas Kragh:** *Finite Reduction of Floer Homology in Cotangent Bundles*
15:15-16:15 **Jens Fjelstad:** *Conformal Field Theory as a Frobenius Algebra*
17:00 Departure from Sandbjerg
19:15 Arrival in Aarhus