

“Toeplitz Operator Theory and Deformation Quantization”
CTQM Workshop, 26-30 March 2007
All lectures in Aud. D3, 2nd floor, bldg. 1.531
PROGRAMME

Monday 26 March

- 09:30-10:00 **REGISTRATION** at Janne Christensen’s office, 2nd. floor, Room A2.33.
10:00-11:00 *Asymptotic Expansion of the Berezin Transform for Compact Kähler Manifolds*
Martin Schlichenmaier
11:00-11:30 Coffee break
11:30-12:30 *Deformation Quantisation of some Symmetric Spaces*
Simone Gutt
12:30-14:00 Lunch
14:00-15:00 *Generalized Toeplitz Structures via Low-Energy States*
David Borthwick
15:00-15:30 Coffee

Tuesday 27 March

- 10:00-11:00 *Residual Trace of Toeplitz Operators*
Louis Boutet de Monvel
11:00-11:30 Coffee break
11:30-12:30 *Toeplitz Operators on Hilbert Modules*
Eli Hawkins
12:30-14:00 Lunch
14:00-15:00 *A Matrix-Valued Berezin-Toeplitz Quantization*
Miroslav Engliš
15:00-15:30 Coffee

Wednesday 28 March

- 10:00-11:00 *Toeplitz Operators on Symmetric Domains and their Non-Convex Satellites*
Harald Upmeyer
11:00-11:30 Coffee
11:30-12:30 *Irreducible Highest Weight Modules and Equivariant Quantization*
Alexander Stolin
12:30-14:00 Lunch
14:00-15:00 *Degeneration of Pointed Curves and KZ Equation*
Kenji Ueno
15:00-15:30 Coffee

Thursday 29 March

- 10:00-11:00 *A Riemann-Roch Formula for Traces of Differential Operators I*
Giovanni Felder
11:00-11:30 Coffee
11:30-12:30 *Berezin-Toeplitz-like Operators in Physical Contexts*
S. Twareque Ali
12:30-14:00 Lunch
14:00-15:00 *Fundamental Group of Symplectic Manifolds with Hamiltonian Lie Group Actions.*
Hui Li
15:00-15:30 Coffee

Friday 30 March

- 10:00-11:00 *Deformation Quantization and Locally Convex Spaces*
Miroslav Engliš
11:00-11:30 Coffee
11:30-12:30 *Pseudomodes for Berezin-Toeplitz Operators*
David Borthwick
12:30-14:00 Lunch
14:00-15:00 *A Riemann-Roch Formula for Traces of Differential Operators II*
Giovanni Felder
15:00-15:30 Coffee
18:00- Dinner at Restaurant Le Régal, Nørre Alle, Aarhus.