



Center for the Topology and Quantization of Moduli Spaces



Toeplitz Operator Theory and Deformation Quantization

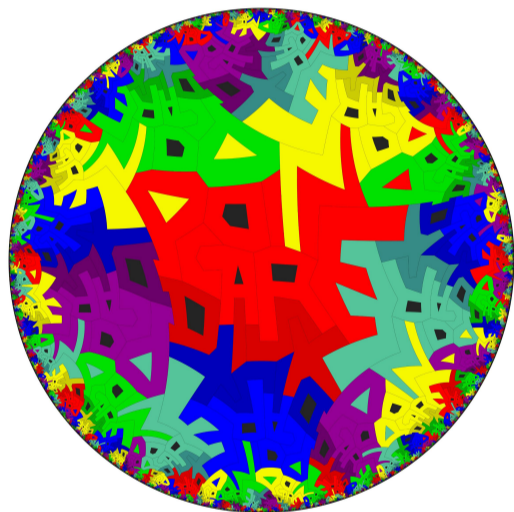
WORKSHOP, 26-30 MARCH, 2007

The aim of this workshop is to further explore the relations between the theory of Toeplitz operators, geometric quantization and deformation quantization.

The speakers include:

D. Borthwick	S. Gutt	M. Schlichenmaier
L. Boutet de Monvel	E. Hawkins	S. Twareque Ali
M. Englis	R. Nest	H. Upmeyer
G. Felder	J. Rawnsley	S. Zelditch

Organizers: Jørgen Ellegaard Andersen and Nicolai Reshetikhin.



Graphics provided by Henry Segerman & Paul-Oliver Dehay

Geometry and TQFT

WORKSHOP, 18 TO 22 JUNE, 2007

The goal of the workshop is to have a constructive discussion of classical and quantum A-polynomials, Khovanov homology together with various aspects of the geometric Langland's programme and future directions in topological quantum field theory.

The speakers include:

D. Bar-Natan	M. Gaultieri	M. Khovanov (t)	L. Rozansky
N. Dunfield	S. Gukov	T. Le	D. Thurston
T. Fiedler	T. Hausel	G. Masbaum	V. Turaev
S. Garoufalidis	R. Kashaev	J. A. Rasmussen	

Organizers: Jørgen Ellegaard Andersen and Nicolai Reshetikhin.

Algebraic and Geometric Lie Theory (AGLT)

WORKSHOP, 25-29 JUNE, 2007

The focus will be on recent developments in representation theory. In particular, algebraic and geometric methods for constructions and investigations of representations of Lie algebras, algebraic groups and quantum groups will be presented.

The speakers include:

S. Arkhipov	T. Joseph	D. Nakano	M. Vazirani
G. Benkart	A. Licata	N. Reshetikhin	H. Wenzl
J. Brundan	A. Lyakhovskaya	M. Rosso	N. Xi
C. DeConcini (t)	V. Mazorchuk	A. Schilling	A. Zelevinski (t)
S. Donkin	A. Melnikov	W. Soergel	
I. Gordon	I. Mirkovic	C. Stroppel	

Organizers: Jørgen Ellegaard Andersen, Henning Haahr Andersen and Nicolai Reshetikhin.

A limited amount of financial support will be available for PhD students and post docs to attend the workshops.

All participants should register online at <http://www.ctqm.au.dk>. The registration deadline is a month prior to the starting date of each workshop.

Center for the Topology and Quantization of Moduli Spaces

Department of Mathematical Sciences
Faculty of Science, University of Aarhus
Ny Munkegade, bldg. 1530, 8000 Aarhus C, Denmark

Web: <http://www.ctqm.au.dk/>



Director: Jørgen Ellegaard Andersen

Phone: + 45 8942 3432

Fax: + 45 8613 1769

Email: andersen@imf.au.dk