Workshop W4a "Random Matrices and Number Theory", 11.01.2008 + 12.01.2008

Program

	Friday	Saturday
09:30 - 10:30	J. Keating	N. Snaith
10:30 - 11:00	*Coffee*	
11:00 - 11:40	P. Dehaye	T.b.a.
11:50 - 12:30	T.b.a.	E. Bogomolny
12:30 - 14:30	*Lunch break*	
14:30 - 15:10	P. van Moerbeke	M. Lapidus (until 15:30 h)
15:20 - 16:00	V. Girko	*Coffee*
16:00 - 16:30	*Coffee*	
16:30 - 17:30	M. Marcolli	D. Zagier

E. Bogomolny	*A few remarks on spectral statistics of zeta functions*
P.O. Dehaye	*Character expansions for moment problems*
V. Girko	*Theory of stochastic canonical equations for spectral functions of Hermitian, non Hermitian and Unitary random matrices and their applications in statistics*
J. Keating	*Random matrices and number theory - an overview*
M. Lapidus	*Complex fractal dimensions and zeta functions*
M. Marcolli	*Non commutative geometry and number theory*
N. Snaith	*Zero statistics, elliptic curves and random matrix theory*
P. van Moerbeke	*Non-intersecting Brownian motions and critical*
D. Zagier	*The Riemann zeta function and the Selberg zeta function as determinants*