

GANT Concluding Workshop
6 to 10 June 2011
Room AAC 006

Monday 6 June

09h30 - 10h30	Registration	
10h30 - 11h30	Ozlem Imamoglu	Cycle integrals of modular functions
11h30 - 13h30	Lunch	
13h30 - 14h30	Paul Nelson	Computing values of modular forms on Shimura curves
14h45 - 15h45	Valentin Blomer	Applications of the Kuznetsov formula on $GL(3)$
15h45 - 16h15	Coffee break	
16h15 - 17h15	Alexander Gamburd	Uniform spectral gap bounds and applications

Tuesday 7 June

09h00 - 10h00	Elon Lindenstrauss	Entropy and quantum unique ergodicity
10h00 - 10h30	Coffee break	
10h30 - 11h30	Alexander Gorodnik	Square-free points on quadratic surfaces
11h30 - 14h00	Lunch	
14h00 - 15h00	Uri Shapira	On the continued fraction expansion of quadratic irrationals (effective results)
15h00 - 15h30	Coffee break	
15h30 - 16h30	Nimish Shah	Counting integral binary quadratic forms in an $SL_2(\mathbb{Z})$ -orbit and limits of translates of divergent geodesics

Wednesday 8 June

09h00 - 10h00	Nicolas Bergeron	Special cycles and cohomology of certain arithmetic manifolds
10h00 - 10h30	Coffee break	
10h30 - 11h30	Yiannis Sakellaridis	The local and global meaning of "unfolding"
11h30 - 14h00	Lunch	
14h00 - 23h00	Social Outing	

Thursday 9 June

09h00 - 10h00	Peter Varju	Random walks on linear groups
10h00 - 10h30	Coffee break	
10h30 - 11h30	Laszlo Pyber	Growth in linear groups in positive characteristic
11h30 - 13h30	Lunch	
13h30 - 14h30	Elena Fuchs	Generic properties of groups
14h45 - 15h45	Jacob Tsimerman	Functional Transcendence Results and the André-Oort Conjecture
15h45 - 16h15	Coffee break	
16h15 - 17h15	Manfred Einsiedler	Partial measure classification for torus actions on homogeneous spaces

Friday 10 June

09h00 - 10h00	Christopher Hall	Rank in families of elliptic surfaces
10h00 - 10h30	Coffee break	
10h30 - 11h30	Etienne Fouvry	On the size of the fundamental solution of pell equation