

Noncommutative harmonic analysis and representation theory  
Luxembourg, June 14-17, 2011

## Programme

Tuesday, June 14		Wednesday, June 15		Thursday, June 16		Friday, June 17	
		9:00	<b>Dominique Manchon</b> On Hopf algebras of oriented Feynman graphs	9:00	<b>Robert Archbold</b> The Brown-Pedersen topological dimension and the real rank of some group $C^*$ -algebras	9:00	<b>Guillaume Tomasini</b> Integrability of degree 1 modules
		10:00	Coffee break	10:00	Coffee break	10:00	Coffee break
		10:30	<b>Hidenori Fujiwara</b> Intertwining integrals on completely solvable Lie groups	10:30	<b>Yuri Neretin</b> Multiplications of double cosets for infinite-dimensional groups	10:30	<b>Michael Pevzner</b> Geometric analysis on small representations of $GL(N, \mathbb{R})$
		11:30	<b>Lyudmila Turowska</b> Beurling-Fourier algebras on compact groups	11:30	<b>Bachir Bekka</b> On the ergodic theory of groups of automorphisms of nilmanifolds	11:30	<b>Jean-Louis Clerc</b> Conformally invariant trilinear forms and covariant differential operators on the sphere
		12:30	Lunch	12:30	Lunch	12:30	Lunch
14:00	Welcome						
14:15	<b>Paul Baum</b> Geometric structure in the representation theory of reductive $p$ -adic groups	14:00	<b>Roger Zierau</b> Associated cycles of Harish-Chandra modules	14:00	<b>Sofiane Souaifi</b> Paley-Wiener theorem(s) for real reductive Lie groups		
15:15	Coffee break	15:00	Coffee break	15:00	Coffee break		
15:45	<b>Ali Baklouti</b> On the estimate of the Fourier transform norm of certain Lie groups	16:15	Visit of the city of Luxembourg	15:30	<b>E.K. Narayanan</b> A qualitative uncertainty principle on the Heisenberg group		
16:45	<b>Piotr M. Hajac</b> The Klein-Podleś bottle as a non-trivial bundle over the quantum real projective space $RPq(2)$			16:30	<b>Arnaud Souvay</b> From Taylor expansions to Weil functors		
				20:00	Conference dinner		