

Noncommutative Geometry, Arithmetic and Related Topics.

Johns Hopkins University, March 23-25, 2009

JAMI Program - Spring 2009

Final Conference Schedule

Monday, March 23, 2009

8:30-9:30 a.m.	Registration and	Breakfast
9:30-10:00 a.m.	Presentation of the 21th Jami Program	by A. Connes and K. Consani
10:00-11:00 a.m.	P. Baum (Penn State U.)	Morita Equivalence Revisited
11:00-11:30 a.m.	Coffee Break	
11:30-12:30 p.m.	M. Khalkhali (UWO)	Holomorphic Structures on the Quantum Projective Line
12:30-2:30pm	Lunch	Break
2:30-3:30 p.m.	D. Goss (OSU)	The Group $S_{(q)}$ and Indications of Functional Equations in Finite Characteristic
3:30-4:15 p.m.	Refreshments	
4:15-5:15 p.m.	A. Goncharov (Brown)	The Quantum Dilogarithm and Quantization of Cluster Varieties
5:30-6:30p.m.	P. Brosnan (UBC)	Essential Dimension

Tuesday, March 24, 2009

10:00-11:00 a.m.	N. Kurokawa (Tokyo Inst. of Tech.)	Zeta Functions over \mathbb{F}_1
11:00-11:30 a.m.	Coffee Break	
11:30-12:30 p.m.	A. Connes (IHES)	Zeta functions and the nature of $\text{Spec}\mathbb{Z}$ over the absolute point
12:30-2:30pm	Lunch	Break
2:30-3:30 p.m.	J. B. Bost (Orsay)	Spectral Properties of Evaluation Maps and Diophantine Geometry
3:30-4:15 p.m.	Refreshments	
4:15-5:15 p.m.	L. Carbone (Rutgers U.)	Hyperbolic Kac-Moody Symmetry, Arithmetic and Applications
5:30-6:30p.m.	B. Tsygan (Northwestern U.)	Oscillatory Modules

Wednesday, March 25, 2009

10:00-11:00 a.m.	M. Marcolli (Caltech)	Feynman Integrals and Algebraic Geometry
11:00-11:30 a.m.	Coffee Break	
11:30-12:30 p.m.	H. Moscovici (OSU)	Twisted Spectral Triples and Local Index Formula
12:30-2:30pm	Lunch	Break
2:30-3:30 p.m.	L. Guo (Rutgers U.)	Hopf Algebras of Cones and Renormalizations
3:30-4:15 p.m.	Refreshments	
4:15-5:15 p.m.	B. Toen (Toulouse)	A Construction of Variations of Noncommutative Hodge Structures
5:30-6:30p.m.	M. Levine (Northeastern U.)	Motivic Fundamental Groups