

Big lecture room I.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	Opening	U. Schreiber	B. Vallette		S. Paycha	U. Schreiber
10	G. Cavalcanti	Introduction to Hypothesis H I.	An operadic approach to deformation theory II.		A prolegomenon to renormalisation in three movements: or a (desperate?) attempt to make the infinite finite II.	Introduction to Hypothesis H III.
20	T-duality: from circles to spheres and beyond I.					
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10:00		V. Vertesi	G. Cavalcanti		B. Vallette	V. Vertesi
10	O. Guichard	Giroux correspondence via convex surfaces I.	T-duality: from circles to spheres and beyond II.		An operadic approach to deformation theory III.	Giroux correspondence via convex surfaces III.
20	The geometry of flags manifolds I.					
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11:00		O. Guichard	U. Schreiber		G. Cavalcanti	S. Paycha
10	B. Vallette	The geometry of flags manifolds II.	Introduction to Hypothesis H II.		T-duality: from circles to spheres and beyond III.	A prolegomenon to renormalisation in three movements: or a (desperate?) attempt to make the infinite finite III.
20	An operadic approach to deformation theory I.					
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12:00						

Big lecture room II.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
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16:00						
05	S. Krýsl	A. Del Donno	L. Zalabová	V. Vertesi	R. Golovko	J. Knesel
10	Primitive forms for symplectic twistor operators	Principal Bundles and Differential Structures in Noncommutative Geometry	Conserved quantities for conformal loxodromes on conformal sphere		Lagrangian concordance is not a partial order	Representation Theory, Schubert Calculus and Algebraic Topology of Some Embedded Flag Submanifolds
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30	Z. Dušek	T. Weber	S. Blitz		A. Bhattacharjee	D. Komárek
35	Structure of geodesics for Finsler metrics arising from Riemannian g.o. metrics	The crossed product calculus	Conformal Constraints on Asymptotically Kerr-de Sitter		Bimodule connection for relative Hopf module over irreducible quantum flag manifold	On quantitative aspects of symplectic geometry
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17:00						
05	I. Chrysikos	A. Carotenuto	H. Winther	S. Paycha	A. García Rivas	D. Trnka
10	Curvature of quaternionic skew-Hermitian manifolds and bundle constructions	Convex orderings and quantum tangent spaces	Higher order connections in noncommutative geometry		Exotically knotted surfaces	Unstraightening of an operad
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30	M. Trnka	R. Ó Buachalla	A. Krutov		K. Neusser	J. Gregorovič
35	Projective invariants of non-torsal ruled surfaces	Quantum exterior algebras and torsion free bimodule connections	SuperLie: a package for Lie (super) computations		Cone structures and conic connections	Irreducible (conformal) Killing tensors on homogeneous plane waves
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18:00						
05	A. Galaev	P. Pandzic	A. Čap	O. Guichard	T. Arias-Marco	V. Souček
10	Conformally homogeneous Lorentzian spaces	$SL(2)$ theory and quantum computing	Chern-Simons invariants and flat extensions		The Laplace-Beltrami operator and the symmetric-like properties on Riemannian manifolds	The Jakobsen diagrams and unitary highest weight modules
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19:00						

Small lecture room

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
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35	S. Brezina				T. Lüders	B. Bukor
40	Principal bundles, gauge theory, and				Graded-equivariant bundle gerbes	Cubic asymmetric multitrace matrix
45	gravity: Teleparallel Equivalent of				and twisted K-theory	model
50	General Relativity					
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16:00						
05	H. Berkenhagen	A. Marchesiello	I. Khavkine		J. Nárožný	L. Šmolka
10	The spinor bundle on loop space	Superintegrable families of magnetic	Simplifying harmonic gauge pertur-		One-jets of groupoids – bisection con-	Elements of Graded Lie Theory
15		monopoles in curved background	bations around black holes		struction approach	
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35	T. Procházka	L. Hadasz	L. Ravas		E. Boffo	F. Valach
40	Harmonic oscillator, 2d free boson	Airy structures and supergeometry	BRST and beyond		The B-model field theory in BV for-	On full supergravity
45	and integrability				malism	
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17:00						
05	O. Hulík	S. Hudeček	M. Zika		G. Gagliardo	F. Moučka
10	Generalized Symmetries, TFT and T	Poisson equation for G_2 -Laplacian on	Spans of Quantum L_∞ Algebras		Adjusted Connections for Principal 3-	Cn-generalized complex geometry
15	duality	homogeneous spheres			Bundles	
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35	M. Frerichs	C. A. Cremonini	A. Rivezzi		A. Zuevsky	M. Lukáč
40	Coarse geometric approach to topolo-	An alternative to Homotopy Transfer	On the universal Drinfeld-Yetter al-		Applications of CFT determinant for-	Courant Algebroids
45	gical phases of matter		gebra		mulas in number theory	
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18:00						
05	G. Chadzitaskos	L. Šnobl	J. Janyška		M. Schnabl	J. Vysoký
10	On the Mach's principle	On the incompleteness of the clas-	The 1st Maxwell's equation over the		On classical solutions in open string	Graded Principal Bundles and Con-
15		sification of quadratically integrable	phase space of spacetime		field theory	nections
20		Hamiltonian systems in the three-				
25		dimensional Euclidean space				
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Posters

Chen-Hsu Chien: *Scalar Field Embedding in Cartan geometry for Gauge Theory of Gravity*

Branislav Jurčo: *Lagrangian Relations and Quantum L-infinity Algebras*

Lukáš Krump: *Selfdual 2-forms in dimension 4 and their Fischer decomposition*

Mauro Mantegazza: *Jets in Noncommutative Geometry*

Petr Vlachopoulos: *Advancements in the Yau's conjecture on the first eigenvalue*