

# Big lecture room I.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	
9:00	<b>Opening</b>	<b>R. Ó Buachalla</b>	<b>R. Minasian</b>		<b>B. Kruglikov</b>	<b>Y. Frégier</b>	
10	<b>B. Kruglikov</b> Overdetermined systems of PDEs: formal theory and applications I.	Quantum Flag Manifolds: From Quantum Groups to Noncommutative Geometry I.	Topics in string geometry II.		Overdetermined systems of PDEs: formal theory and applications III.	Deformation theory through examples III.	
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10:00		<b>J. Šťovíček</b>	<b>B. Kruglikov</b>		<b>R. Minasian</b>	<b>R. Ó Buachalla</b>	
10	<b>P. Ševera</b> From braids to quantization I.	Noncommutative algebraic geometry based on quantum flag manifolds I.	Overdetermined systems of PDEs: formal theory and applications II.		Topics in string geometry III.	Quantum Flag Manifolds: From Quantum Groups to Noncommutative Geometry III.	
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11:00		<b>P. Ševera</b>	<b>P. Ševera</b>		<b>Y. Frégier</b>	<b>J. Šťovíček</b>	
10	<b>R. Minasian</b> Topics in string geometry I.	From braids to quantization II.	From braids to quantization III.		Deformation theory through examples II.	Noncommutative algebraic geometry based on quantum flag manifolds III.	
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## Big lecture room II.

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

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35	<b>R. Půček</b>	<b>V. Tuček</b>	<b>D. Husadžić</b>		<b>L. Krump</b>	<b>P. Zima</b>
40	Examples of toric extremal Kahler metrics	Invariant differential operators for Hermitian symmetric spaces	Singular BGG complexes over isotropic 2-Grassmannian		Nonstable BGG-complexes for $k$ Dirac operators in dimension 4	Generalized Killing spinors on 3-Sasakian manifolds
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16:00						
05	<b>R. Mohseni</b>	<b>K. Neusser</b>	<b>L. Zalabová</b>	<b>R. Ó Buachalla</b>	<b>E. Schneider</b>	<b>S. Krýsl</b>
10	Abelian duality in two dimensions with non-trivial boundary conditions	Projective Geometry of Sasaki-Einstein structures	Equations of conformal circles via tractors		Quantum Flag Manifolds: From Quantum Groups to Noncommutative Geometry II.	Differential invariants of Kundt waves
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35	<b>R. Kycia</b>	<b>Z. Dušek</b>	<b>J. Gregorovič</b>		<b>A. Marchesiello</b>	<b>J. Šilhan</b>
40	Integrability of geodesics of totally geodesic metrics	Homogeneous geodesics in Randers spaces	On solution of the equivalence problem for a class of 2-nondegenerate CR manifolds		Superintegrable 3D systems in a magnetic field and separation of variables	Symmetries of the twistor operator
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17:00						
05	<b>M. Kolář</b>	<b>A. Galaev</b>	<b>H. Winther</b>	<b>Y. Frégier</b>	<b>I. Khavkine</b>	<b>V. Žádník</b>
10	Polynomial and rational models for real hypersurfaces in complex space	Comparison of two approaches to characteristic classes of foliations	Quaternion-Hermitian Structures with Large Symmetry Algebra		Deformation theory through examples I.	Compatibility complexes of overdetermined PDEs of finite type, with applications to the Killing equation
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35	<b>A. Santi</b>	<b>A. Čap</b>	<b>V. Souček</b>		<b>R. Lávička</b>	<b>T. Salač</b>
40	Killing superalgebras and high supersymmetry	The bundle of Weyl structures associated to an AHS structure	An application of the Penrose transform for isotropic Grassmannians		Separation of variables in the semistable range	Domains of monogenicity and in $\mathbb{H}^n$ and the twistor theory
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18:00						
05	<b>D. Alekseevsky</b>		<b>P. Pandžić</b>	<b>J. Šťovíček</b>	<b>M. Dunajski</b>	<b>J. Janyška</b>
10	Conformal model of hypercolumns in visual cortex and its application to the visual stability problem		On classification of unitary highest weight modules		Noncommutative algebraic geometry based on quantum flag manifolds II.	Conformally isometric embeddings
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# Middle lecture room

Thursday

16:00	
05	<b>M. Šimková</b>
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15	Are two spaces homotopy equivalent? (Algorithmic
20	approach)
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35	<b>Ľ. Balko</b>
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45	Cup-length of certain classes of flag manifolds
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17:00	
05	<b>T. Rusin</b>
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15	On the characteristic rank and cohomology of orien-
20	ted Grassmann manifolds
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35	<b>T. Macko</b>
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45	The higher structure sets of lens spaces
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18:00	
05	<b>J. Obradović</b>
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15	Combinatorial homotopy theory for operads
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19:00	

## Small lecture room

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

16:00	<b>H. Van Le</b> Almost formality of closed torsion free $G_2$ and $Spin(7)$ manifolds	<b>A. Tralle</b> Compact Clifford-Klein forms	<b>M. Stojić</b> Completed Hopf algebroid of formal differential operators on a Lie group		<b>J. Pulmann</b> Linear infinitesimal braidings for abelian 2-groups	<b>E. Latini</b> The quantum conformal superspace
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35	<b>O. Hulík</b> Higher spin gravity and multicentered solutions	<b>T. Rybicki</b> On the uniform perfectness and boundedness of diffeomorphism groups	<b>Z. Škoda</b> Localization approach to noncommutative flag varieties		<b>J. Vošmera</b> Boundary states for stable branes with reduced supersymmetry on flat backgrounds	<b>A. Deser</b> Courant algebroids in the NQ-language: A case study for nilmanifolds
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17:00	<b>O. Vasilakis</b> Multi-centered solutions in AdS3	<b>P. Hájek</b> IBL $_{\infty}$ -structure and string topology conjecture	<b>K. Wojciechowicz</b> Complete and vertical lifts of Poisson vector fields and infinitesimal deformations of Poisson tensor		<b>A. Zuevsky</b> Genus two recursion formulas for correlation functions of fermionic vertex operator super algebras	<b>F. Valach</b> Courant algebroids, Poisson-Lie T-duality and supergravity (of type II)
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35	<b>L. Šnobl</b> Superintegrability and time - dependent integrals	<b>T. Procházka</b> $W$ algebras	<b>K. Strung</b> On $C^*$ -algebras, dynamical systems, and classification		<b>J. Novák</b> Einstein meets Grothendieck: RT paradigm as Quantum Gravity	<b>J. Vysoký</b> Supergravity and Poisson-Lie T-duality
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18:00		<b>R. von Unge</b> Yang-Mills theory and Projective Superspace	<b>R. Golovko</b> On Legendrian lifts of monotone Lagrangian submanifolds		<b>M. Schnabl</b> On classical solutions of string field theory	<b>G. Chadzitaskos</b> Two string harmonic oscillator
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