

TIMETABLE

Mini-Courses

	Monday		Tuesday		Wednesday		Thursday	Friday	
8:00–8:50	Murakami		Kashuba		Kashuba		Kashuba	Kashuba	
9:00–9:50	Grichkov	Sokolov	Grichkov	Sokolov	Grichkov	Makar-Limanov	Grichkov	Grichkov	Makar-Limanov

- **I. Kashuba and L. Murakami:** Introdução à teoria de representações
- **A. Grichkov:** Introdução a teoria de álgebras de Lie
- **V. Sokolov:** Decompositions of loop algebras and Lax representations for integrable non-linear differential equations
- **L. Makar-Limanov:** Solved and unsolved problems of affine algebraic geometry

Plenaries

	Monday	Tuesday	Wednesday	Friday
10:00–10:50	<i>Opening</i>	Mathieu	Kolesnikov	Plotkin
10:50–11:20	Zelmanov (11:00 - 11:50)	Coffee Break		
11:20–12:10		Billig	Mostovoy	TBA
12:10–14:00	Lunch			
14:00–14:50	Kochloukova	Neher	Savage	Iyudu
15:00–15:50	Bakhturin	Petrogradsky	Ramirez	Krasilnikov
15:50–16:20	Coffee Break			
16:20–17:10	Solotar			
17:20–18:10	Futorny			

Sessions

	Tuesday			Wednesday			Friday		
	I	II	III	I	II	III	I	II	III
16:20–16:50	Bekkert	Albuquerque	Zaleski	Kujawa	Smirnov	Wilson	Vasilevich	Laliena	Slinko
16:50–17:10	Moura	Anquela	Goncalves	Moreno	Gómez	Zavarnitsine	Yousofzadeh	Montaner	Sivatckii
17:10–17:30	Zadunaisky	Azam	Dokuchaev	Macedo	Folleco	Shumyatsky	Coelho	Koshlukov	Mota
17:30–17:50	Zhang	Benito	Zapata	Iusenko	Labra	Sidki	Lopatin	Sabinina	Tsurkov
17:50–18:10	Sant'Ana	Barreiro	Chagas	Bianchi	Paques	Sánchez	Centrone	Bouetou	Aladova
18:10–18:30	Mishra	Arenas		Benitez	Guzzo	Pinto	Bagio	Mello	Rasskazova
18:30–18:50					Kornev				

Monday, 23 October

- 08:00 – 09:50 **minicourses**
09:00 – 09:50 *Registration*
10:00 – 10:50 *Opening Ceremony*
11:00 – 11:50 **E. Zelmanov**, Finitely generated algebras vs not finitely generated algebras

Lunch

- 14:00 – 14:50 **D. Kochloukova**, Homological properties of Lie algebras
15:00 – 15:50 **Y. Bakhturin**, Methods of Graded Algebras
15:50 – 16:20 *Coffee break*
16:20 – 17:10 **A. Solotar**, Homological invariants relating the super Jordan plane to the Virasoro algebra
17:20 – 18:10 **V. Futorny**, Invariant differential operators

19:00 - Conference welcome dinner

Tuesday, 24 October

- 08:00 – 09:50 **minicourses**
10:00 – 10:50 **O. Mathieu**, TBA
10:50 – 11:20 *Coffee break*
11:20 – 12:10 **Y. Billig**, Representations of Lie algebras of vector fields on algebraic varieties

Lunch

- 14:00 – 14:50 **E. Neher**, Conjugacy of Cartan subalgebras in extended affine Lie algebras
15:00 – 15:50 **V. Petrogradsky**, Fractal superalgebras of slow growth
15:50 – 16:20 *Coffee break*

Session I - Representation Theory

- 16:20 – 16:50 **V. Bekkert**, Derived tame Nakayama algebras
16:50 – 17:10 **A. Moura**, Non-Minimality of Certain Irregular Coherent Preminimal Affinizations
17:10 – 17:30 **P. Zadunaisky**, Gelfand Tsetlin categories
17:30 – 17:50 **J. Zhang**, Capelli identity on multiparameter quantum linear groups
17:50 – 18:10 **A. Sant'Ana**, On weak Hopf-Ore extensions
18:10 – 18:30 **A. Mishra**, The Okounkov-Vershik approach to the representation theory of $G \sim S_n$

Session II - Structures

- 16:20 – 16:50 **H. Albuquerque**, Some notes on coalternative coalgebras
16:50 – 17:10 **J.A. Anquela**, Commuting U -Operators, Nondegenerate Imbeddings and Ideals in Special Jordan Algebras
17:10 – 17:30 **S. Azam**, On combinatorics of extended affine Lie theory
17:30 – 17:50 **P. Benito**, Low dimensional Lie algebras
17:50 – 18:10 **E. Barreiro**, Split Lie-Rinehart algebras
18:10 – 18:30 **M. Arenas**, Cross ratio as an invariant of the Bruhat-Tits tree

Session III - Groups

- 16:20 – 16:50 **P. Zalesski**, Virtual retraction and Howson's properties in pro- p groups
16:50 – 17:10 **J. Goncalves**, Free symmetric and unitary pairs in the field of fractions of free nilpotent group algebras
17:10 – 17:30 **M. Dokuchaev**, Globalization of partial cohomology of groups
17:30 – 17:50 **T. Zapata**, Acylindrical actions on profinite trees and Kurosh-like decompositions
17:50 – 18:10 **S. Chagas**, Subgroup Conjugacy Separability

Wednesday, 25 October

08:00 – 09:50 **minicourses**

10:00 – 10:50 **P. Kolesnikov**, On the structure of associative conformal algebras with finite faithful representation

10:50 – 11:20 *Coffee break*

11:20 – 12:10 **J. Mostovoy**, Nilpotency in loops

Lunch

14:00 – 14:50 **A. Savage**, Affine wreath product algebras

15:00 – 15:50 **L.E. Ramirez**, Gelfand-Tsetlin Modules of $\mathfrak{sl}(3)$ in the Principal Block

15:50 – 16:20 *Coffee break*

Session I - Representation Theory

16:20 – 16:50 **J. Kujawa**, Tensor Triangular Geometry

16:50 – 17:10 **A. Moreno Cañadas**, The Auslander-Reiten quiver of some equipped posets and its applications in information security

17:10 – 17:30 **T. Macedo**, Weyl functors for map superalgebras

17:30 – 17:50 **K. Iusenko**, (Co)algebra as the (co)end of profunctor

17:50 – 18:10 **A. Bianchi**, Finite-dimensional representations of hyperalgebras of map algebras

18:10 – 18:30 **G. Benitez Monsalve**, Equidimensionality some Gelfand-Tsetlin varieties

Session II - Structures

16:20 – 16:50 **O. Smirnov**, On simple Jordan and Kantor pairs

16:50 – 17:10 **F. Gómez González**, The WPT for Jordan superalgebra JP_n and the second cohomology group for Jordan superalgebras I

17:10 – 17:30 **O. Folleco Solarte**, Irreducible representations of the simple Jordan superalgebra of Grassmann Poisson bracket

17:30 – 17:50 **A. Labra**, On nilpotent evolution algebras

17:50 – 18:10 **A. Paques**, How groupoid actions and group actions can be related

18:10 – 18:30 **H. Guzzo Jr**, An equivalence in generalized almost-Jordan algebras

18:30 – 18:50 **A. Kornev**, Identities of quadratic alternative algebras

Session III - Groups

16:20 – 16:50 **J. Wilson**, Tensors: a most nonassociative type of algebra

16:50 – 17:10 **A. Zavarnitsine**, Action of Moufang loops on alternative algebras

17:10 – 17:30 **P. Shumyatsky**, On verbal subgroups in residually finite groups

17:30 – 17:50 **S. Sidki**, Weak Commutativity in Groups

17:50 – 18:10 **J. Sánchez Serdà**, A way of obtaining free group algebras inside division rings

18:10 – 18:30 **A. Pinto**, Growth of homology of soluble pro- p groups

15:50 - 19:00 Poster Session

19:00 - 20:00 coquetel

Thursday, 26 October

08:00 – 09:50 **minicourses**

19:00 - Conference dinner

Friday, 27 October

08:00 – 09:50	minicourses
10:00 – 10:50	E. Plotkin , Syntax and semantics in universal algebraic geometry
10:50 – 11:20	<i>Coffee break</i>
11:20 – 12:10	TBA

Lunch

14:00 – 14:50	N. Iyudu , TBA
15:00 – 15:50	A. Krasilnikov , Lie nilpotent associative algebras
15:50 – 16:20	<i>Coffee break</i>

Session I - Representation Theory

16:20 – 16:50	D. Vasilevich , Deformation quantization which is nearly associative
16:50 – 17:10	M. Yousofzadeh , Unitary representation of current superalgebras
17:10 – 17:30	F. Coelho , On the representation dimension of algebras
17:30 – 17:50	A. Lopatin , Separating invariants of matrices
17:50 – 18:10	L. Centrone , Lewin Theorem for H -module Lie algebras
18:10 – 18:30	D. Bagio , Representations of the super Jordan plane

Session II - Structures

16:20 – 16:50	J. Laliena , Generalized Lie structures of associative graded algebras with special involutions
16:50 – 17:10	F. Montaner , On pairs of quotients of Jordan pairs
17:10 – 17:30	P. Koshlukov , Graded polynomial identities and their codimensions
17:30 – 17:50	L. Sabinina , Isotopias of Moufang loops. New results.
17:50 – 18:10	T. Bouetou , Levi-Malcev theorem for homogeneous bol algebras and representation of bol algebras
18:10 – 18:30	T. Mello , Graded identities and tensor product by color commutative superalgebras

Session III - Applications

16:20 – 16:50	A. Slinko , A Characterisation of Ideal Weighted Secret Sharing Schemes
16:50 – 17:10	A. Sivatkii , Computation of the Killing form for certain Lie algebras
17:10 – 17:30	C. Mota , TBA
17:30 – 17:50	A. Tsurkov , IBN-varieties of algebras
17:50 – 18:10	E. Aladova , A knowledge base model: an application of logical geometry
18:10 – 18:30	M. Rasskazova , Correspondence between global Moufang loops and Malcev algebras

Poster

- Marcela Guerrini Alves (IME-USP, Brazil)
- Sidney Dale Crode (IME-USP, Brazil)
- Ruan Barbosa Fernandes (UFRN, Brazil)
- Claudemir Fideles (UNICAMP, Brazil)
- Antonio França (UnB, Brazil)
- Antonio Garcia (UFERSA, Brazil)
- Esther García (Universidad Rey Juan Carlos, Spain)
- Manoel Messias A. Gomes (UFRN, Brazil)
- Juan Carlos Gutierrez Fernandez (IME-USP, Brazil)
- Oscar Hernández (IME-USP, Brazil)
- Antonio Ioppolo/Fabrizio Martino (Univ. of Palermo, Italy /UNICAMP, Brazil)
- Victor Hugo López Solís (IME-USP, Brazil)
- David Levi Macêdo (UNICAMP, Brazil)
- Lucia Satie Ikemoto Murakami (IME-USP, Brazil)
- Elkin Oveimar Quintero Vanegas (UFC, Brazil)
- Samuel Amador dos Santos Quirino (IME-USP, Brazil)
- Ronald Ismael Quispe Urure (UFSCar, Brazil)
- Diana Rasskazova (IME-USP, Brazil)
- Sebastián Reca (IMAS, Argentina)
- Felipe Albino dos Santos (IME-USP, Brazil)
- Gilson Santos Filho (IME-USP, Brazil)
- Clayton Silva (UNICAMP, Brazil)
- Josenildo Silva (UFRN, Brazil)
- Tatiana Skoraia (UFABC, Brazil)
- Manuela Souza (UFBA, Brazil)
- Edite Taufer (IME-USP, Brazil)