



PROGRAM

Monday 13

- 09:00 - 10:00 Registration
- 10:00 - 11:00 Opening
- 11:00 - 11:30 Coffee break
- 11:30 - 12:15 Claudia Menini
Heavily separable functors
- 12:20 - 13:05 Sorin Dăscălescu
Group gradings on matrix algebras
- 13:10 - 13:35 Ramón González-Rodríguez
Crossed products of crossed modules of Hopf monoids in a braided setting
- 13:35 - 15:30 Lunch
- 15:30 - 16:15 Salvador Cruz Rambaud
Additive discount functions through Arbitrage Theory
- 16:20 - 17:05 Pascual Jara
Lattice theory and module theory
- 17:05 - 17:30 Coffee break
- 17:30 - 18:15 Yinhuo Zhang
Braided Bi-Galois theory and its application to Brauer groups
- 18:20 - 18:45 Gastón A. García
New Hopf algebras arising from the generalized lifting method
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Tuesday 14

- 09:00 - 09:30 Registration
- 09:30 - 10:15 Abdenacer Makhlouf
q-Deformations, twisted algebraic structures and new-type cohomologies
- 10:20 - 11:05 Ian Musson
The Nullstellensatz for supersymmetric polynomials
- 11:05 - 11:30 Coffee break
- 11:30 - 12:15 Daniel Bulacu
Frobenius Galois cowreaths
- 12:20 - 13:05 Walter R. Ferrer Santos
Hopf sheaves and affine extensions of abelian varieties
- 13:10 - 13:35 Alina Iacob
Model structures and relative Gorenstein flat modules
- 13:35 - 15:30 Lunch
- 15:30 - 16:15 Philipp Rothmaler
Positive primitive torsion
- 16:20 - 17:05 Ken Brown
Connected Hopf algebras
- 17:05 - 17:30 Coffee break
- 17:30 - 18:15 Pedro A. Guil Asensio
Partial morphisms in additive exact categories
- 18:20 - 18:45 Khurul Wardati
The ideal generated by the primitive idempotent in a Leavitt path algebra over a commutative ring
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Wednesday 15

- 09:00 - 09:30 Registration
- 09:30 - 10:15 Alberto Facchini
Pretorsion theories in general categories
- 10:20 - 11:05 Sergei D. Sivestrov
Graded quasi Lie algebras and hom-Lie algebras structures
- 11:05 - 11:30 Coffee break
- 11:30 - 12:15 Consuelo Martínez
Brackets, superalgebras and spectral gap
- 12:20 - 12:45 Mikhail Kotchetov
Group gradings on the algebras of block-triangular matrices
- 12:50 - 13:15 Indah E. Wijayanti
On the generalization of Dedekind modules
- 13:20 - 13:45 Nikken P. Puspita
On clean comodules and clean coalgebras
- 13:45 - 15:30 Lunch
- 15:30 - 16:15 Mercedes Siles
Basic ideals in evolution algebras
- 16:20 - 16:45 Paolo Saracco
A pair of Frobenius pairs for Hopf modules
- 16:50 - 17:15 Ryan Aziz
Quantum differentials by super-bosonisation
- 20:30 Bus leaves to restaurant *Casa Rafael* from bus stop *Puerta de Purchena* (corner Paseo de Almería with Concepción Arenal, very close to Cafetería Dulce Alianza). Number 3 in the map.
- 21:00 Dinner at restaurant *Casa Rafael*
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Thursday 16

- 09:50 - 10:35 Thomas S. Weigel
Lattices and cohomological Mackey functors for finite cyclic p -groups
- 10:40 - 11:05 Sarah Nakato
Non-unique factorizations in rings of integer-valued polynomials
- 11:05 - 11:30 Coffee break
- 11:30 - 12:15 Michel Dubois-Violette
Quantum geometry, exceptional quantum geometry and particle physics
- 12:20 - 13:05 Hans-Jürgen Schneider
A new proof of a theorem of I. Angiono
- 13:10 - 13:35 María D. Gómez Olvera
An application of twisted group rings in Cryptography
- 13:35 - 14:00 Conference Official Photo
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- 18:20 Guided visit to the Arab fortress *La Alcazaba*, dating back to the 10th century. Meeting point: Plaza Flores, where the Hotels Nuevo Torreluz and AC Almería are located. Numbers 2 and 3 in the map.
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Friday 17

- 09:30 - 10:15 Manuel Saorín
On finiteness properties of Grothendieck hearts
- 10:20 - 11:05 Cristian Vay
Mixed perverse sheaves on flag varieties of Coxeter groups
- 11:05 - 11:30 Coffee break
- 11:30 - 12:15 Iván Angiono
Examples of finite-dimensional Nichols algebras in positive characteristic
- 12:20 - 13:05 Nicolás Andruskiewitsch
Nichols algebras with finite Gelfand-Kirillov dimension
- 13:05 - 13:20 Closing
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