

| ROOM | DAY | TIME        | CODE       | NAME                     | TITLE                                                                                                               |
|------|-----|-------------|------------|--------------------------|---------------------------------------------------------------------------------------------------------------------|
| 21G1 | Mon | 15:45-16:25 | ANA1-7     | Mariel Saez              | Fractional Laplacians and extension problems: the higher rank case                                                  |
| 21G1 | Mon | 16:35-17:15 | ANA1-12    | Miguel Yangari           | Exponential propagation for fractional reaction-diffusion cooperative systems with fast decaying initial conditions |
| 21G1 | TUE | 11:15-11:55 | LOG2-5     | Claribet Piña            | Admissible trees and homogeneous sets                                                                               |
| 21G1 | TUE | 12:05-12:45 | LOG2-8     | Rafael Zamora            | Injectivity in tests for separability by potentially Lavrentieff sets                                               |
| 21G1 | TUE | 15:45-16:25 | LOG2-4     | Samaria Montenegro       | Shelah's classification theory and pseudo real closed fields                                                        |
| 21G1 | TUE | 16:35-17:15 | LOG2-1     | Alexander Berenstein     | Supersimple theories expanded with a predicate for a forking independent subset                                     |
| 22C  | WED | 11:15-11:55 | ALG1-8     | Jacques-Arthur Weil      | Darboux Transformations for Tensor Products                                                                         |
| 22C  | WED | 12:05-12:45 | ALG1-2     | David Blázquez-Sanz      | Joint and differential invariants of Lie group actions                                                              |
| 23G1 | TUE | 11:15-11:55 | DINSIS1-3  | Maria Isabel Cortez      | Topological full groups and continuous orbit equivalence                                                            |
| 23G1 | TUE | 12:05-12:45 | DINSIS1-4  | Sylvain Crovisier        | Finiteness of measures maximizing the entropy for surface diffeomorphisms                                           |
| 24C  | WED | 11:15-11:55 | ALG3-4     | Andrés Larraín-Hubach    | Self-dual connections on Taub-NUT space                                                                             |
| 24C  | WED | 12:05-12:45 | ALG3-7     | Ronald Zúñiga Rojas      | Stratifications on the Moduli Space of Higgs Bundles                                                                |
| 24G1 | Mon | 15:45-16:25 | ANA2-4     | Abdón Choque             | On a set of bounded solutions of the null approximate control wave equation problem                                 |
| 24G1 | Mon | 16:35-17:15 | ANA2-2     | Nicolás Carreño          | Stackelberg-Nash exact controllability for the Kuramoto-Sivashinsky equation                                        |
| 24G1 | TUE | 11:15-11:55 | DINSIS2-12 | Ferrán Valdez Lorenzo    | The Goldfish problem, homogeneous foliations and billiard dynamics                                                  |
| 24G1 | TUE | 12:05-12:45 | DINSIS2-1  | David Blázquez-Sanz      | Some results on parallelisms of algebraic varieties by means of differential Galois theory                          |
| 25C  | WED | 11:15-11:55 | ALG4-9     | Rosa Orellana            | Symmetric group characters as symmetric functions                                                                   |
| 25C  | WED | 12:05-12:45 | ALG4-11    | Martha Yip               | A categorification of the chromatic symmetric function                                                              |
| 25C  | THU | 11:15-11:55 | LOG1-8     | Antonio Montalbán        | Natural Objects in Computability Theory                                                                             |
| 25C  | THU | 12:05-12:45 | LOG1-2     | Peter Dybjer             | Game Semantics and Normalization by Evaluation                                                                      |
| 25G1 | Mon | 15:45-16:25 | ANA3-1     | Daniel Alfaro            | Convergencia de un método espectral totalmente discreto para algunos sistemas de tipo Boussinesq                    |
| 25G1 | TUE | 11:15-11:55 | PROB1-3    | Michael A. Hoeghele      | Negative top Lyapunov exponents for gradient SDE driven by small Lévy noise                                         |
| 25G1 | TUE | 12:05-12:45 | PROB1-4    | Harold Moreno Franco     | A singular stochastic control problem                                                                               |
| 25G1 | TUE | 15:45-16:25 | LOG3-4     | Jonathan Kirby           | Exponentially closed fields I                                                                                       |
| 25G1 | TUE | 16:35-17:15 | LOG3-5     | Jorge Plazas             | Towards a model theoretic framework for Real Multiplication                                                         |
| 25G1 | THU | 12:05-12:45 | ANA3-2     | Ángel Castro             | Mixing solutions for the Muskat problem                                                                             |
| 26C  | WED | 11:15-11:55 | ALG6-2     | Victoria Cantoral Farfán | Torsion for abelian varieties of type III                                                                           |
| 26C  | WED | 12:05-12:45 | ALG6-3     | Chantal David            | One-parameter families of elliptic curves with non-zero average root number                                         |
| 26C  | THU | 11:15-11:55 | LOG3-2     | John Alexander Cruz      | Towards a model theoretic approach to F1-geometry                                                                   |
| 26C  | THU | 12:05-12:45 | LOG3-1     | Leonardo Cano            | Basic aspects of the geometric rigidity of the $j$ function on complex elliptic curves                              |
| 31C  | TUE | 11:15-11:55 | ALG1-5     | Daniel Robertz           | Thomas Decomposition and Nonlinear Control Systems                                                                  |
| 31C  | TUE | 12:05-12:45 | ALG1-7     | Teresa Stuchi            | Non-Integrability of AGK Quartic Hamiltonian through Morales-Ramis Theory                                           |
| 31C  | WED | 11:15-11:55 | LOG2-7     | Carlos Videla            | Undecidable fields of algebraic numbers                                                                             |
| 31C  | WED | 12:05-12:45 | LOG2-2     | Christina Brech          | Generalized Schreier families and large Banach spaces with no indiscernible sequences                               |
| 31C  | THU | 11:15-11:55 | GEOM2-5    | Dmitry Kaledin           | TQFT in the context of homotopical algebra                                                                          |
| 31C  | THU | 12:05-12:45 | GEOM2-6    | Jorge Littin             | Quasi-additive estimates on the Hamiltonian for the One-dimensional Long Range Ising Model and its consequences     |
| 31C  | FRI | 11:15-11:55 | ALG4-3     | Gastón García            | Pointed and copointed Hopf algebras over dihedral groups                                                            |
| 31C  | FRI | 12:05-12:45 | ALG4-5     | Javier Gutiérrez         | Quantum subgroups of simple twisted quantum groups at roots of one                                                  |
| 31C  | FRI | 15:45-16:25 | ALG4-8     | Yiby Morales             | The five-term exact sequence for Kac cohomology                                                                     |
| 31G1 | Mon | 15:45-16:25 | ANA7-6     | Ezequiel Rela            | Sharp weighted estimates and further improvements via Reverse Hölder Inequalities                                   |
| 31G1 | Mon | 16:35-17:15 | ANA7-4     | Jean Moraes              | L2 estimates for t-Haar Multipliers on spaces of homogeneous type                                                   |
| 31G1 | TUE | 11:15-11:55 | ANA1-2     | Juan Dávila              | Hölder estimates for solutions of a MEMS equation                                                                   |
| 31G1 | TUE | 12:05-12:45 | ANA1-6     | Olivaine Queiroz         | On the behavior of a singular positive solution to a nonlocal elliptic equation                                     |
| 31G1 | TUE | 15:45-16:25 | GEOM3-8    | Daniel Juan Pineda       | Classifying spaces for mapping class groups                                                                         |
| 31G1 | TUE | 16:35-17:15 | GEOM3-9    | Conchita Martínez        | On the rational homology and assembly maps of generalized Thompson groups                                           |
| 31G1 | THU | 15:45-16:25 | DINSIS2-11 | Marco Uribe              | Principal Poincaré Pontryagin function associated to some families of Morse real polynomials                        |
| 31G1 | THU | 16:35-17:15 | DINSIS2-2  | Alexander Cardona        | Index theory and global pseudo-differential calculus on Lie groups                                                  |
| 31G2 | Mon | 15:45-16:25 | DINSIS2-10 | Farid Tari               | Frames and direction mappings on surfaces                                                                           |
| 31G2 | Mon | 16:35-17:15 | DINSIS2-8  | Salomón Rebollo Perdomo  | Limit cycles in perturbations of planar vector fields with curves of singularities                                  |
| 31G2 | TUE | 15:45-16:25 | ANA1-3     | Jorge Faya               | Concentrating solutions for a Hénon-type problem on general domains                                                 |
| 31G2 | TUE | 16:35-17:15 | ANA1-8     | Dora Salazar             | Multi-clustered solutions for a forced pendulum equation                                                            |
| 31G2 | THU | 15:45-16:25 | ANA1-1     | Julian Bónder            | Tartar's method in nonlocal homogenization                                                                          |
| 31G2 | THU | 16:35-17:15 | ANA1-4     | Mónica Musso             | Existence, compactness and non-compactness for the fractional Yamabe problem                                        |
| 32C  | Mon | 15:45-16:25 | ALG1-4     | Juan J. Morales-Ruiz     | Differential Galois Theory and Darboux Transformations for Integrable Systems                                       |
| 32C  | Mon | 16:35-17:15 | ALG1-3     | Thierry Combet           | Computing differential Galois group of difference equations, applications to discrete systems                       |
| 32C  | TUE | 11:15-11:55 | ALG2-2     | Javier Elizondo          | Some aspects of the Euler-Chow series and how it is related with Cox rings                                          |
| 32C  | TUE | 12:05-12:45 | ALG2-8     | Giancarlo Urzua          | How to identify Milnor fibers of smoothings of quotient singularities                                               |
| 32C  | TUE | 15:45-16:25 | ALG1-1     | Carlos E. Arreche        | Projectively integrable linear difference equations and their Galois groups                                         |

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| 32C  | TUE | 16:35-17:15 | ALG1-6    | Camilo Sanabria              | LODEs with algebraic solutions                                                                                                        |
| 32C  | WED | 11:15-11:55 | LOG3-3    | Timothy Gendron              | Ultraschemes and the Universal Modular Invariant                                                                                      |
| 32C  | WED | 12:05-12:45 | LOG3-4    | Jonathan Kirby               | Exponentially closed fields II                                                                                                        |
| 32C  | THU | 11:15-11:55 | GEOM4-9   | Alberto Verjovsky            | Poincaré theory for the adèle class group $A/Q$ and compact Abelian one-dimensional solenoidal groups                                 |
| 32C  | THU | 12:05-12:45 | GEOM4-5   | Daniel Pons                  | Non canonical metrics on $\text{Diff}(S^1)$                                                                                           |
| 32C  | THU | 15:45-16:25 | ALG2-5    | Álvaro Liendo                | Additive group actions on algebraic varieties                                                                                         |
| 32C  | THU | 16:35-17:15 | ALG2-7    | Cecilia Salgado              | Classification of elliptic fibrations on certain K3 surfaces                                                                          |
| 32C  | FRI | 11:15-11:55 | ALG5-9    | Alonso Sepúlveda Castellanos | Two-point AG Codes on the GK Maximal Curves                                                                                           |
| 32C  | FRI | 12:05-12:45 | ALG5-10   | Wolfgang Willems             | Duality for group codes                                                                                                               |
| 32C  | FRI | 15:45-16:25 | ALG6-1    | Francesca Bergamaschi        | Bad reduction of Hilbert modular varieties                                                                                            |
| 32C  | FRI | 16:35-17:15 | ALG6-5    | Robert Harron                | Equidistribution of shapes of cubic fields of fixed quadratic resolvent                                                               |
| 32G1 | TUE | 11:15-11:55 | ANA2-3    | Eduardo Cerpa                | On the control of the improved Boussinesq equation                                                                                    |
| 32G1 | TUE | 12:05-12:45 | ANA2-1    | Camille Laurent              | Uniform observability estimates for the wave equation                                                                                 |
| 32G2 | Mon | 15:45-16:25 | GEOM1-6   | Ivan Struchiner              | Integration of Structure Equations of G-Structures                                                                                    |
| 32G2 | Mon | 16:35-17:15 | GEOM1-8   | Andrés Vargas                | Conformal symmetries of Distributions in Riemannian manifolds                                                                         |
| 32G2 | TUE | 11:15-11:55 | ANA7-1    | Bruno Bongioanni             | BMO, weights and the Schrödinger operator                                                                                             |
| 32G2 | TUE | 12:05-12:45 | ANA7-5    | Victoria Paternostro         | Structure and frame properties of noncommutative shift-invariant spaces                                                               |
| 32G2 | TUE | 15:45-16:25 | ANA4-5    | Carlos Mejía Salazar         | Fractional derivatives, inverse problems and discrete mollification                                                                   |
| 32G2 | TUE | 16:35-17:15 | ANA4-7    | Claudio Muñoz                | On the Calderón's problem for quasilinear conductivities                                                                              |
| 32G2 | TUE | 16:35-17:15 | ANA5-7    | Oliváine Santana de Queiroz  |                                                                                                                                       |
| 32G2 | THU | 11:15-11:55 | ANA4-8    | Luis Eduardo Olivar          | Identification of a coefficient in a two-dimensional nonlinear inverse problem through regularization and Lagrangian methods          |
| 32G2 | THU | 12:05-12:45 | ANA4-6    | Alberto Mercado              | Inverse problems for dispersive equations                                                                                             |
| 32G2 | THU | 16:35-17:15 | ANA3-8    | Gino Montecinos              | An ADER-type scheme for a class of equations arising from the water-wave theory                                                       |
| 32G2 | FRI | 11:15-11:55 | ANA2-6    | Ivonne Rivas                 | Some stabilization problem with time-varying feedback law                                                                             |
| 32G2 | FRI | 12:05-12:45 | ANA2-5    | Ademir Pazoto                | Stabilization of a Boussinesq system with generalized damping                                                                         |
| 33C  | Mon | 15:45-16:25 | ALG2-1    | Alicia Dickenstein           | Arithmetics and combinatorics of tropical Severi varieties of univariate polynomials                                                  |
| 33C  | Mon | 16:35-17:15 | ALG2-4    | Edwin Leon Cardenal          | Local Zeta Functions at Infinity                                                                                                      |
| 33C  | TUE | 11:15-11:55 | ALG5-2    | Diana Bueno-Carreño          | Strong minimum distance of abelian codes                                                                                              |
| 33C  | TUE | 12:05-12:45 | ALG5-3    | Mehdi Garrouslan             | Generalized star configurations and Hamming weight                                                                                    |
| 33C  | TUE | 15:45-16:25 | ALG3-3    | Marcos Jardim                | Branes in the moduli space of framed sheaves                                                                                          |
| 33C  | TUE | 16:35-17:15 | ALG3-2    | Pedram Hekmati               | Moduli Spaces of Contact Instantons                                                                                                   |
| 33C  | WED | 11:15-11:55 | DINSIS1-7 | Mario Ponce                  | A Law of Large Permanents and Applications to Random Graphs                                                                           |
| 33C  | WED | 12:05-12:45 | DINSIS1-8 | Martin Sambarino             | Stable Ergodicity                                                                                                                     |
| 33C  | THU | 11:15-11:55 | GEOM6-5   | Jesús Espinoza               | Topological Data Analysis                                                                                                             |
| 33C  | THU | 12:05-12:45 | GEOM6-6   | Ernesto Lupercio             | Sandpiles, quantum gravity and non-commutative geometry                                                                               |
| 33C  | THU | 15:45-16:25 | ALG3-1    | Steve Bradlow                | Higgs bundles, spectral data, and fiber products of curves                                                                            |
| 33C  | FRI | 11:15-11:55 | ALG6-6    | Elisa Lorenzo                | On twists of smooth plane curves                                                                                                      |
| 33C  | FRI | 12:05-12:45 | ALG6-7    | Piermarco Milione            | p-adic uniformization of Shimura curves through Mumford curves                                                                        |
| 33C  | FRI | 15:45-16:25 | LOG1-7    | Alexandre Miquel             | Implicative algebras for generalizing forcing                                                                                         |
| 33C  | FRI | 16:35-17:15 | LOG1-3    | Walter Ferrer Santos         | Ordered Combinatory Algebras and Realizability                                                                                        |
| 33G1 | THU | 15:45-16:25 | GEOM2-8   | Bruno Suzuki                 | Topological String Partition Function on Generalised Conifolds                                                                        |
| 33G1 | THU | 16:35-17:15 | GEOM2-7   | Per Sundell                  | Higher spins and topological strings                                                                                                  |
| 33G2 | TUE | 11:15-11:55 | GEOM1-1   | Alexander Cardona            | Geometric Quantization of Twisted Dirac Structures                                                                                    |
| 33G2 | TUE | 12:05-12:45 | GEOM1-5   | Roberto Rubio                | Higher-Dirac structures and their foliated geometry                                                                                   |
| 33G2 | TUE | 15:45-16:25 | ANA5-1    | Eduardo Espinosa             | Discrete and continuous games reviewed from the perspective of dynamic programming                                                    |
| 33G2 | WED | 11:15-11:55 | ANA1-10   | Yannick Sire                 | On a fractional version of a conjecture by De Giorgi                                                                                  |
| 33G2 | WED | 12:05-12:45 | ANA1-9    | Boyan Sirakov                | A priori bounds for elliptic inequalities via regularity estimates                                                                    |
| 33G2 | THU | 11:15-11:55 | ANA5-5    | Juliana Pimentel             | Estimates for a class of slowly non-dissipative reaction-diffusion equations                                                          |
| 33G2 | THU | 12:05-12:45 | ANA5-6    | Héctor Sánchez-Morgado       | Mean-field games with mild singularities                                                                                              |
| 33G2 | THU | 15:45-16:25 | ANA3-12   | Ivonne Rivas                 | Lower Regularity Solutions of a Class of Non-homogeneous Boundary Value Problems of the Korteweg-de Vries Equation on a Finite Domain |
| 33G2 | FRI | 11:15-11:55 | ANA3-9    | Juan Carlos Muñoz            | Well-posedness and computation of travelling wave solutions of a regularized Benjamin-Ono system                                      |
| 33G2 | FRI | 12:05-12:45 | ANA3-10   | Cesar J. Niche               | A survey of recent results on the characterization of decay of solutions to dissipative equations                                     |
| 33G2 | FRI | 15:45-16:25 | ANA3-11   | José Raul Quintero           | Solitons for a Higher order KP model - On the existence of solitons for a generalized KP equation of higher order                     |
| 33G2 | FRI | 16:35-17:15 | ANA3-7    | Rodrigo Lecaros              | Control of underwater vehicles in inviscid fluids                                                                                     |
| 34C  | TUE | 12:05-12:45 | ALG6-9    | Frank Thorne                 | Levels of distribution in arithmetic statistics                                                                                       |
| 34C  | WED | 11:15-11:55 | GEOM1-2   | Matías del Hoyo              | Morita equivalences of vector bundles                                                                                                 |
| 34C  | WED | 12:05-12:45 | GEOM1-4   | Alexander Quintero           | Aspectos algebraicos de las ecuaciones diferenciales parciales no lineales                                                            |
| 34C  | THU | 11:15-11:55 | DINSIS2-5 | Ronaldo García               | Lines of Curvature on Quadric Hypersurfaces of $R^4$                                                                                  |
| 34C  | THU | 12:05-12:45 | DINSIS2-7 | Daniel Offin                 | Stability of periodic orbits by Conley-Zehnder index theory                                                                           |

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| 34C  | THU | 15:45-16:25 | ALG4-10   | María Ronco                  | $B_\infty$ -algebras and separable permutations                                                                                            |
| 34C  | THU | 16:35-17:15 | ALG4-7    | Martín Mombelli              | Group actions on 2-categories                                                                                                              |
| 34C  | FRI | 11:15-11:55 | GEOM2-1   | Fabián Belmonte              | Quantization of Systems Reduced by Commuting Hamiltonian Flows, a Decomposable Weyl Calculus and Commutation of Quantization and Reduction |
| 34C  | FRI | 12:05-12:45 | GEOM2-2   | Elizabeth Gasparim           | Deformations of Calabi–Yau varieties and their moduli of vector bundles                                                                    |
| 34C  | FRI | 16:35-17:15 | GEOM2-4   | Marcos Jardim                | Brane involutions and irreducible holomorphic symplectic manifolds                                                                         |
| 34G1 | THU | 11:15-11:55 | ANA1-5    | Alexander Quaas              | Continuous viscosity solutions for nonlocal Dirichlet problems with coercive gradient terms                                                |
| 34G1 | THU | 12:05-12:45 | ANA1-11   | Erwin Topp                   | Lipschitz regularity for elliptic integro-differential problems and application to homogenization                                          |
| 34G1 | THU | 15:45-16:25 | GEOM4-6   | Enrique Reyes                | Some Non-Archimedean tools in Integrable Systems                                                                                           |
| 34G1 | THU | 16:35-17:15 | GEOM4-3   | Timothy Gendron              | Quantum j-Invariant in Positive Characteristic and Hilbert’s 12th Problem                                                                  |
| 34G2 | Mon | 15:45-16:25 | GEOM3-3   | Mauricio Bustamante          | Smooth bundles with nonpositively curved fibers                                                                                            |
| 34G2 | Mon | 16:35-17:15 | GEOM3-4   | Guillermo Cortiñas           | Borel regulator and K-theory of group algebras                                                                                             |
| 34G2 | TUE | 15:45-16:25 | ANA8-1    | Jaime Angulo                 | Stability of peak solutions for NLS equations on a star graph                                                                              |
| 34G2 | TUE | 16:35-17:15 | ANA8-2    | Eddy Bustamante              | On the decay and support of the Zakharov-Kuznetsov equation and the well-posedness of the initial value problem associated to it           |
| 34G2 | WED | 11:15-11:55 | ANA4-1    | Juan Pablo Agnelli           | On the identification of piecewise constant coefficients in optical diffusion tomography by level set                                      |
| 34G2 | WED | 12:05-12:45 | ANA4-3    | Andrés Felipe Lerma          | Stabilization of lower order derivatives using higher order derivatives                                                                    |
| 34G2 | THU | 11:15-11:55 | ANA6-7    | Sri Ranga                    | Two families of orthogonal polynomials on the unit circle from basic hypergeometric functions                                              |
| 34G2 | THU | 12:05-12:45 | ANA6-1    | Cleonice Fátima Bracciali    | Para-orthogonal polynomials on the unit circle associated with periodic Verblunsky coefficients                                            |
| 34G2 | THU | 15:45-16:25 | ANA4-4    | Alejandro Marañón            | Retos y Perspectivas de los Problemas Inversos en la Caracterización Dinámica de Materiales                                                |
| 34G2 | THU | 16:35-17:15 | ANA4-2    | Adriano De Cezaro            | On the Choice of the Tikhonov Regularization Parameter and the Discretization Level: A DiscrepancyBased Strategy                           |
| 34G2 | FRI | 11:15-11:55 | ANA6-4    | Ulises Fidalgo               | Convergent interpolatory quadrature schemes                                                                                                |
| 34G2 | FRI | 12:05-12:45 | ANA6-5    | Natalia Pinzón Cortés        | On Linearly Related Sequences of Difference Derivatives of Discrete Orthogonal Polynomials                                                 |
| 35C  | Mon | 15:45-16:25 | ALG5-8    | Jaiberth Porras Barrera      | Efficient ZHFE Key Generation                                                                                                              |
| 35C  | Mon | 16:35-17:15 | ALG5-1    | Erik Backelin                | Higher Auslander Reiten theory and tilting modules                                                                                         |
| 35C  | TUE | 15:45-16:25 | ALG4-1    | Federico Ardila              | Polytopes with algebraic and combinatorial structure                                                                                       |
| 35C  | TUE | 16:35-17:15 | ALG4-2    | Carolina Benedetti           | On Hopf Algebras over quantum subgroups                                                                                                    |
| 35C  | WED | 11:15-11:55 | GEOM3-10  | Gabriel Minian               | A new asphericity test for group presentations and some applications                                                                       |
| 35C  | WED | 12:05-12:45 | GEOM3-11  | Andrés Navas                 | Orderable groups: some open questions                                                                                                      |
| 35C  | THU | 11:15-11:55 | ALG2-3    | José Luis González           | ¿Soñó Mori con el espacio de curvas racionales marcadas?                                                                                   |
| 35C  | THU | 11:15-11:55 | ALG2-6    | Sukhendu Mehrotra            | Derived symmetries of moduli spaces of sheaves on K3 surfaces                                                                              |
| 35C  | THU | 15:45-16:25 | ALG5-6    | Wilson Olaya                 | The weight hierarchy of Castle codes                                                                                                       |
| 35C  | THU | 16:35-17:15 | ALG5-7    | Ricardo Podestá              | Asymptotically good quasi-transitive AG-codes over prime fields                                                                            |
| 35C  | FRI | 11:15-11:55 | GEOM3-6   | Matías del Hoyo              | Discrete dynamics and stacks                                                                                                               |
| 35C  | FRI | 12:05-12:45 | GEOM3-12  | Luis Jorge Sánchez Saldaña   | The Whitehead Group of the Hilbert Modular group                                                                                           |
| 35C  | FRI | 15:45-16:25 | GEOM3-2   | Jerson Borja                 | Evasiveness of graph properties and graphs on $2p$ vertices                                                                                |
| 35C  | FRI | 16:35-17:15 | GEOM3-1   | Jonathan Barmak              | The fundamental group of a two-dimensional complex with the fixed point property                                                           |
| 35G1 | Mon | 15:45-16:25 | DINSIS1-1 | Pierre Berger                | On the Kolmogorov typicality of dynamics displaying infinitely many coexisting sinks                                                       |
| 35G1 | Mon | 16:35-17:15 | ANA3-6    | Camille Laurent              | Quantitative unique continuation, intensity of waves in the shadow of obstacle and approximate control                                     |
| 35G1 | Mon | 16:35-17:15 | DINSIS1-2 | Daniel Coronel               | Sensitive dependence of Gibbs measures in quasi-quadratic families                                                                         |
| 35G1 | TUE | 11:15-11:55 | ANA3-3    | Francisco Gancedo            | Recent results for SQG sharp front and the Muskat problem                                                                                  |
| 35G1 | TUE | 12:05-12:45 | ANA3-4    | Javier Gomez Serrano         | Global smooth solutions for the inviscid SQG equations                                                                                     |
| 35G1 | TUE | 15:45-16:25 | GEOM5-4   | Gestur Ólafsson              | Transforming unitary representations from one real form to another                                                                         |
| 35G1 | TUE | 16:35-17:15 | GEOM5-5   | Gil Salgado                  | Contact Lie algebras                                                                                                                       |
| 35G1 | THU | 15:45-16:25 | GEOM6-7   | Jacob Mostovoy               | Planar braids and configuration spaces of points with multiplicity at most 2                                                               |
| 35G1 | THU | 16:35-17:15 | GEOM6-8   | María Amelia Salazar         | An explicit integration of Lie algebroids                                                                                                  |
| 35G2 | Mon | 15:45-16:25 | GEOM5-1   | María Laura Barberis         | Conformal killing 2-forms on low dimensional Lie groups                                                                                    |
| 35G2 | Mon | 16:35-17:15 | GEOM5-2   | Henrique Bursztyn            | Lie theory of vector bundles and related double structures                                                                                 |
| 35G2 | TUE | 11:15-11:55 | GEOM3-5   | Germán Combariza             | Cohomology of Profinite Groups                                                                                                             |
| 35G2 | TUE | 12:05-12:45 | GEOM3-7   | Rita Jiménez-Rolland         | Cohomology and point-counting over finite fields                                                                                           |
| 35G2 | TUE | 15:45-16:25 | ANA9-2    | Aris Daniilidis              | From self-expanded to snake-like curves                                                                                                    |
| 35G2 | TUE | 16:35-17:15 | ANA9-5    | Luis Mauricio Graña Drummond | On the choice of special Pareto points                                                                                                     |
| 35G2 | WED | 11:15-11:55 | ANA5-3    | Haili Liang                  | Stochastic Stability of Snowdrift Based Evolutionary Dynamics                                                                              |
| 35G2 | WED | 12:05-12:45 | ANA5-4    | Pablo Padilla                | From Voronoi patterns to Hamilton-Jacobi equations                                                                                         |
| 35G2 | THU | 11:15-11:55 | ANA7-2    | Marilina Carena              | Muckenhoupt weights with singularities on lower dimensional sets                                                                           |
| 35G2 | THU | 12:05-12:45 | ANA7-7    | Pablo Schmerkin              | Distance sets, box-counting and Ahlfors-regular sets                                                                                       |
| 35G2 | THU | 15:45-16:25 | ANA5-2    | Tao Li                       | Continuous-Time Distributed Consensus Algorithms with Random Noises                                                                        |
| 35G2 | THU | 16:35-17:15 | ANA5-8    | Boyan Sirakov                | Stationary states of reaction-diffusion and Schrödinger systems with inhomogeneous or controlled diffusion                                 |
| 35G2 | FRI | 11:15-11:55 | ANA8-5    | Michał Kowalczyk             | Kink dynamics in the $\phi^4$ model: asymptotic stability in the odd space                                                                 |
| 35G2 | FRI | 12:05-12:45 | ANA8-6    | Claudio Muñoz                | The scattering problem for unstable solitons: collision, decay and blow-up for critical inhomogeneous NLS equations                        |
| 35G2 | FRI | 15:45-16:25 | ANA8-7    | Didier Pilod                 | Construction of a minimal mass blow up solution of the modified Benjamin-Ono equation                                                      |

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| 35G2 | FRI | 16:35-17:15 | ANA8-8    | Yannick Sire                    | Dispersive equations involving the fractional laplacian                                                                                              |
| 36C  | WED | 11:15-11:55 | GEOM4-1   | José Aguayo                     | C-Algebras of Operators on Free Banach Spaces                                                                                                        |
| 36C  | WED | 12:05-12:45 | GEOM4-4   | Tomasz Kostrzewa                | Sobolev spaces on groups                                                                                                                             |
| 36C  | THU | 11:15-11:55 | ALG3-6    | Roberto Rubio                   | The Toledo invariant and the Cayley correspondence for Higgs bundles                                                                                 |
| 36C  | THU | 12:05-12:45 | ALG3-5    | Alessia Mandini                 | Hyperpolygons and Parabolic Higgs bundles                                                                                                            |
| 36C  | FRI | 11:15-11:55 | GEOM4-10  | Wilson A. Zúñiga-Galindo        | Non-Archimedean Reaction-Ultradiffusion Equations and Complex Hierarchic Systems                                                                     |
| 36C  | FRI | 12:05-12:45 | GEOM4-8   | Anselmo Torresblanca            | Ultrametric diffusion, exponential landscapes, and the first passage time problem                                                                    |
| 36C  | FRI | 15:45-16:25 | GEOM4-2   | Leonardo Chacón Cortés          | Heat Traces and Spectral Zeta Functions for p-adic Laplacians                                                                                        |
| 36C  | FRI | 16:35-17:15 | GEOM4-7   | John Jaime Rodríguez Vega       | Ecuaciones de tipo parabólico sobre bolas p-ádicas                                                                                                   |
| 36G2 | Mon | 15:45-16:25 | GEOM6-1   | Alejandro Adem                  | Homotopy Group Actions and an Exotic Example                                                                                                         |
| 36G2 | Mon | 16:35-17:15 | GEOM6-2   | Jonathan A. Barmak              | Homotopy type and the fixed simplex property                                                                                                         |
| 36G2 | TUE | 11:15-11:55 | GEOM5-3   | Matthew Dawson                  | Principal Series Representations for Direct Limit Groups                                                                                             |
| 36G2 | TUE | 12:05-12:45 | GEOM5-6   | Juan Tirao                      | The algebra of differential operators associated to a weight matrix                                                                                  |
| 36G2 | TUE | 15:45-16:25 | DINSIS1-6 | Alejandro Passeggi              | Rotation Theory of annular continua                                                                                                                  |
| 36G2 | TUE | 16:35-17:15 | DINSIS1-5 | Carlos Gustavo Moreira          | On the fractal geometry of horseshoes in arbitrary dimensions                                                                                        |
| 36G2 | WED | 11:15-11:55 | ANA8-3    | Luca Fanelli                    | Fractional Schrodinger operators in external fields: improved dispersion, local smoothing and weighted Strichartz estimates                          |
| 36G2 | WED | 12:05-12:45 | ANA8-4    | José Manuel Jiménez             | Polynomial decay of the solutions for some nonlinear dispersive equations                                                                            |
| 36G2 | THU | 11:15-11:55 | ANA9-3    | Juan Carlos de los Reyes        | Stationarity conditions for optimization problems with variational inequality constraints                                                            |
| 36G2 | THU | 12:05-12:45 | ANA9-7    | René Meziat Vélez               | Exact and convex relaxations of non-convex, non-local, homogeneous, two-dimensional variational problems with low-degree, polynomial structure       |
| 36G2 | THU | 15:45-16:25 | ANA6-6    | Pablo Román                     | New families of matrix-valued orthogonal polynomials related to Gelfand pairs of rank one                                                            |
| 36G2 | THU | 16:35-17:15 | ANA6-2    | Abdón Choque                    | On a multiplicative representation of the orthogonal matrix polynomials via Dyukarev-Stieltjes matrix parameters                                     |
| 36G2 | FRI | 11:15-11:55 | DINSIS2-4 | Joaquín Delgado Fernández       | On the global bifurcation diagram of the Gray-Scott model of reaction diffusion                                                                      |
| 36G2 | FRI | 12:05-12:45 | DINSIS2-3 | Jean Carlos Cortissoz           | The surprising behavior of the Ricci flow in a cylinder                                                                                              |
| 36G2 | FRI | 15:45-16:25 | DINSIS2-6 | Mikhail Malakhaltsev            | 3-webs with singularities: topological and differential invariants                                                                                   |
| 36G2 | FRI | 16:35-17:15 | DINSIS2-9 | Jesús Muciño Raymundo           | Essential singularities of complex analytic vector fields                                                                                            |
| 37C  | Mon | 15:45-16:25 | LOG2-3    | Xavier Caicedo                  | On the Model Theory of Sheaves                                                                                                                       |
| 37C  | Mon | 16:35-17:15 | LOG2-6    | Carlos Uzcátegui                | Descriptive set theoretic properties of partial actions of Polish groups                                                                             |
| 37C  | TUE | 15:45-16:25 | ALG6-4    | Piper Harron                    | The Equidistribution of Lattice Shapes of Rings of Integers in Cubic, Quartic, and Quintic Number Fields                                             |
| 37C  | TUE | 16:35-17:15 | ALG6-8    | Marta Narváez-Clauss            | Quantitative equidistribution of Galois orbits of points of small height on the algebraic torus                                                      |
| 37C  | THU | 11:15-11:55 | ALG4-6    | Miguel Mendez                   | The natural Hopf algebra associated of a set operad                                                                                                  |
| 37C  | THU | 12:05-12:45 | ALG4-4    | Rafael González                 | The colored symmetric and exterior algebras                                                                                                          |
| 37C  | THU | 15:45-16:25 | LOG1-4    | Santiago Figueira               | Model Theory of XPath with data tests                                                                                                                |
| 37C  | THU | 16:35-17:15 | LOG1-1    | Alejandro Díaz-Caro             | Towards a quantum lambda calculus with quantum control                                                                                               |
| 37C  | FRI | 11:15-11:55 | LOG1-6    | Stéphane Graham-Lengrand        | A proof-theoretical approach to satisfiability solving                                                                                               |
| 37C  | FRI | 12:05-12:45 | LOG1-5    | Jonas Frey                      | Classical realizability and implicit computational complexity                                                                                        |
| 37G2 | TUE | 11:15-11:55 | GEOM6-3   | Anna Marie Bohmann              | Constructing equivariant spectra                                                                                                                     |
| 37G2 | TUE | 12:05-12:45 | GEOM6-4   | José María Cantarero            | Representations of fusion systems                                                                                                                    |
| 37G2 | TUE | 15:45-16:25 | GEOM1-3   | Nicolás Martínez                | A geometrical viewpoint of the equation of motion in classical field theory                                                                          |
| 37G2 | TUE | 16:35-17:15 | GEOM1-7   | Jose Vallejo                    | Algebroides de Lie y operadores de cohomología en Física y Matemáticas                                                                               |
| 37G2 | WED | 12:05-12:45 | ANA9-4    | Yboon Victoria García Ramos     | Integration formulas without convexity                                                                                                               |
| 37G2 | THU | 15:45-16:25 | ANA7-3    | Felipe Gonçalves                | Band-Limited Approximations and Interpolation Formulas                                                                                               |
| 37G2 | THU | 16:35-17:15 | ANA7-8    | Wilfredo Urbina                 | Transference results from the $L_p$ continuity of operators in the Jacobi case to the $L_p$ continuity of operators in the Hermite and Laguerre case |
| 38C  | Mon | 15:45-16:25 | PROB1-1   | Octavio Arizmendi               | Additive and Multiplicative Limit Theorems in Free probability                                                                                       |
| 38C  | Mon | 16:35-17:15 | PROB1-2   | Margaret Johanna Garzón Merchán | Fractional stochastic differential equation with discontinuous diffusion                                                                             |
| 38C  | THU | 11:15-11:55 | ALG5-4    | Hiram López                     | Evaluation codes                                                                                                                                     |
| 38C  | THU | 15:45-16:25 | LOG3-6    | Andrés Villaveces               | Modular invariants and model theory                                                                                                                  |
| 38G2 | THU | 15:45-16:25 | ANA9-1    | Orestes Bueno Tangoa            | On maximality of quasimonotone operators                                                                                                             |
| 38G2 | THU | 16:35-17:15 | ANA9-6    | Alfredo Iusem                   | On the Quadratic Eigenvalue Complementarity Problem                                                                                                  |