

PAlmetto Number Theory Series XL

SCHEDULE OF ACTIVITIES

Talks will take place in Martin M1, Martin M301 (Saturday) and M105 (Sunday). Refreshments are available during all breaks in Martin M1.

Saturday, December 6, 2025

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| 8:30–9:00 | [Martin M1] Coffee and other refreshments |
| 9:00–9:50 | [Martin M1] Edna Jones , <i>On the local-global conjecture for 3-dimensional Kleinian sphere packings</i> |
| 10:10–10:30 | [Martin M1] Saikat Biswas , <i>On a refinement of the Cassels-Poitou-Tate dual exact sequence</i> |
| | [Martin M301] Erick Ross , <i>Zeros of even and odd period polynomials lie on the circle of symmetry</i> |
| 10:40–11:00 | [Martin M1] Eun Hye Lee , <i>Lower order terms in the shape of cubic fields</i> |
| | [Martin M301] Haochen Wu , <i>Hilbert modular forms from orthogonal modular forms on binary lattices</i> |
| 11:10–11:30 | [Martin M1] Kenz Ismail Kallal , <i>Algebraic theory of indefinite theta functions</i> |
| | [Martin M301] Alejandro De Las Penas Castano , <i>Zero cycles on products of elliptic curves over local fields with supersingular reduction</i> |
| 11:40–12:30 | [Martin M1] Nawapan Wattanawanichkul , <i>Arithmetic and Holomorphic Quantum Unique Ergodicity</i> |
| 12:30–2:00 | Lunch |
| 2:00–2:50 | [Martin M1] Wenzhi Luo , <i>Central L-values of the cuspidal Asai lifts</i> |
| 3:10–3:30 | [Martin M1] Gabrielle Scullard , <i>Ihara zeta functions of isogeny graphs and modular curves</i> |
| | [Martin M301] Tianyu Ni , <i>Kernel functions of the symmetric square L-functions of modular forms</i> |
| 3:40–4:00 | [Martin M1] Pan Yan , <i>On the global Gan-Gross-Prasad conjecture for GSpin groups</i> |
| | [Martin M301] Paresh Arora , <i>Well-Poised Hypergeometric Functions and Their Decomposition</i> |
| 4:10–4:30 | [Martin M1] Joseph DiCapua , <i>Explicit Coleman Power Series</i> |
| | [Martin M301] Sreejani Chaudhury , <i>On a question of Totaro: Rational points and zero- cycles on torsors</i> |
| 4:40–5:00 | [Martin M1] Larry Rolen , <i>Inequalities for the partition function and other combinatorial sequences</i> |
| | [Martin M301] Dalen Trent Dockery , <i>Linking congruences for PED and POD partitions</i> |

Sunday, December 7, 2025

8:30-9:00	[Martin M1] Coffee and other refreshments
9:00-9:50	[Martin M1] Ramin Takloo-Bighash , <i>Automorphic form twisted Shintani zeta function</i>
10:10-10:30	[Martin M1] Maximiliano Sanchez Garza , <i>The Geodesic Restriction Problem for Arithmetic Spherical Harmonics</i>
	[Martin M105] Arindam Roy , <i>Counting Problem across the Homology Classes</i>
10:40-11:00	[Martin M1] Joshua Lowrance , <i>An Odd Covering System of the Perfect Powers</i>
	[Martin M105] Yanhui Su , <i>Explicit generators of the space of modular forms</i>
11:10-11:30	[Martin M1] Zachary Parker , <i>Cohomology of $\mathbb{Q}[I]$ with Level</i>
	[Martin M105] Jiaqi Hou , <i>Kekeya-Nikodym norms of Maass forms</i>
11:40-12:00	[Martin M1] Luis Finotti , <i>Minimal Degree Liftings and Error-Correcting Codes</i>
	[Martin M105] Sung Min Lee , <i>On the Coprime Reductions of Elliptic Curves</i>
12:00	END OF CONFERENCE

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