BB4: Schedule of Talks (draft)

MONDAY

9:00-9:25   **Registration**

9:30-10:00	Ian	Petrow	The Weyl law for algebraic tori

10:05-10:25	Kathrin	Maurischat	Vector valued Γ-integrals

10:30-10:50	Nahid	Walji	A refinement of strong multiplicity one

    Break

11:20-11:40	Michael	Griffin	Polya's Program for the Riemann Hypothesis and Related Problems

11:45-12:05	Didier	Lesesvre	Arithmetical Statistics on Quaternion Algebras

12:10-12:30	Hunduma	Legesse Geleta	Error Bernoulli Polynomial

    Lunch

2:30-3:00	Giuliana	Davidoff	A proposed addition to Bhargava's thesis

3:05-3:25	Sebastián	Herrero	A Jensen-Rohrlich type formula for the hyperbolic 3-space

3:30-3:50	Jim	Brown	Congruences for paramodular Saito-Kurokawa lifts and applications

Break

4:20-4:40	Angelo	Rendina	Kurokawa-Mizumoto congruences and degree 8 L-values

4:45-5:05	Michael	Neururer	Fourier expansions at cusps

5:10-5:30   **Speed talks**

TUESDAY

9:30-10:00	Andreea	Mocanu	Eisenstein series for Jacobi forms of lattice index

10:05-10:25	Jonas	Kaszian	Higher depth quantum modular forms and multiple Eichler integrals

10:30-10:50	Peter	Humphries	Quantum Unique Ergodicity in Almost Every Shrinking Ball

Break

11:20-11:40	Dmitrii	Adler	Weak Jacobi forms for root lattice of type D_8	George	Turcas	On Fermat's equation over quadratic imaginary fields

11:45-12:05	Haowu	Wang	Non-existence of reflective modular forms	Markus	Schwagenscheidt	Borcherds lifts of harmonic Maass forms

12:10-12:30	Anup Kumar	Singh	Representations of a positive integer by octonary quadratic forms.

Lunch

2:30-3:00	Stephan	Ehlen	New variants of the Doi-Naganuma lift and applications	Soumya	Das	Petersson norms of not necessarily cuspidal Jacobi modular forms and applications
3:05-3:25	Jaban	Meher	Certain identities among eigenforms	Grant	Molnar	The Arithmetic of Modular Grids
3:30-3:50	Marc	Masdeu	Towards a theory of p-adic singular moduli attached to global fields			

Break

4:20-4:40	Marcela	Hanzer	Eisenstein series arising from Jordan algebras

4:45-5:30   **Speed talks**

WEDNESDAY

9:30-10:00	Amita	Malik	Extremal primes for elliptic curves
10:05-10:25	Richard	Gottesman	Vector Valued Modular Forms on Gamma_0(2)
10:30-10:50	Yingkun	Li	Divisibility of Fourier coefficients of meromorphic modular forms

Break

11:20-11:40	Boualem	Benseba	A note in Diophantine Equation	Kwangho	Choiy	On reducibility of parabolic induction for simply-connected p-adic groups

11:45-12:05	Paul	Jenkins	Canonical bases for spaces of weakly holomorphic modular forms
12:10-12:30	Márton	Erdélyi	Kloosterman sums over GL_n

	Andras	Biro	Local average of the hyperbolic circle problem for Fuchsian groups
	Eric	Moss	Congruences for Fourier Coefficients of Modular Functions of Levels 2 and 4

Lunch

2:30-3:00	Chantal	David	Moments of cubic Dirichlet twists over function fields
3:05-3:25	Johann	Franke	Ramanujan identities of higher degree
3:30-3:50	David	Lowry-Duda	Counting Lattice Points on Spheres and Hyperboloids

Break

4:20-4:40	Adriana	Espinosa	A discussion on increasing diversity in STEM

4:45-5:30   **Panel Discussion**

5:30-??   **Wine and Cheese Reception**

THURSDAY

9:30-10:00	Samuele	Anni	Computing L-invariants via the Greenberg-Stevens formula

Time	First	Last	Title
10:05-10:25	Lejla	Smajlovic	On singular invariants for certain genus one arithmetic groups
10:30-10:50	Shaul	Zemel	Heegner Divisors on Toroidal Compactifications of Orthogonal Shimura Varieties

Break

Time	First	Last	Title
11:20-11:40	Edgar	Assing	The sup-norm problem for automorphic forms over number fields in the level aspect
11:45-12:05	Gene	Kopp	Generating weights of modules of vector-valued modular forms for the Weil representation
12:10-12:30	Dmitry	Frolenkov	Convolution formula for the sums of generalized Dirichlet L-series

Lunch

Time	First	Last	Title	First	Last	Title
2:30-3:00	Min	Lee	A conjectural extension of Hecke's converse theorem	Abhishek	Saha	Integral representation and critical L-values for the standard L-function of a Siegel modular form
3:05-3:25	Boualem	Sadaoui	The multiple zeta values at the non positive integers	Manish Kumar	Pandey	Shimura lifts of certain clas of modular forms of half-integral weight
3:30-3:50	Fernando	Herrera Contreras	On a Koecher-Maass series of several variables	Rob	Little	Kudla Millson Theta Series for U(2,1)

Break

4:20-4:50	Fredrik	Stromberg	Computational aspects of spectral theory for non-congruence subgroups.

4:55-5:30   **Speed talks**

FRIDAY

9:30-10:00	Yiannis	Petridis	Arithmetic Statistics of Modular Symbols

10:05-10:25	Olga	Balkanova	Prime geodesic theorem for the Picard manifold

10:30-10:50	Toshiki	Matsusaka	Traces of CM values and cycle integrals of polyharmonic Maass forms

Break

11:20-11:40	Xavier	Guitart	Modular forms over cubic fields and algebraic points in elliptic curves

11:45-12:05	Steffen	Löbrich	Traces of Singular Moduli and Regularized Inner Products

12:10-12:30	Antonela	Trbovic	Torsion groups of elliptic curves over quadratic fields $\mathbb{Q}(\sqrt{d}), \:\: 0<d<100$