

## 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 $\zeta$ -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	Saurabh Kumar	Singh	Weyl bound for $\mathbb{Q}$ -power twist of $GL(2)$ L-functions
-------------	---------------	-------	---

12:10-12:30	Haowu	Wang	Non-existence of reflective modular forms
-------------	-------	------	---

### Lunch

2:30-3:00	Stephan	Ehlen	New variants of the Doi-Naganuma lift and applications
-----------	---------	-------	--

3:05-3:25	Giresse Djomo	Okaso	An Algebraic approach of automorphic forms
-----------	---------------	-------	--

3:30-3:50	Jaban	Meher	Certain identities among eigenforms
-----------	-------	-------	-------------------------------------

### 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
------------	-------	-------	-------------------------------------

Markus	Schwagenscheidt	Borcherds lifts of harmonic Maass forms
--------	-----------------	---

Anup Kumar	Singh	Representations of a positive integer by octonary quadratic forms.
------------	-------	--

Soumya	Das	Petersson norms of not necessarily cuspidal Jacobi modular forms and applications
--------	-----	---

Grant	Molnar	The Arithmetic of Modular Grids
-------	--------	---------------------------------

Marc	Masdeu	Towards a theory of p-adic singular moduli attached to global fields
------	--------	--

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
-------------	---------	---------	--------------------------------

11:45-12:05	Paul	Jenkins	Canonical bases for spaces of weakly holomorphic modular forms
-------------	------	---------	--

12:10-12:30	Márton	Erdélyi	Kloosterman sums over $GL_n$
-------------	--------	---------	------------------------------

### 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

Kwangho	Choiy	On reducibility of parabolic induction for simply-connected $p$ -adic groups
---------	-------	--

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
------	------	---

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
------------	---------	------	--

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

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

2:30-3:00	Min	Lee	A conjectural extension of Hecke's converse theorem
-----------	-----	-----	---

3:05-3:25	Boualem	Sadaoui	The multiple zeta values at the non positive integers
-----------	---------	---------	---

3:30-3:50	Fernando	Herrera Contreras	On a Koecher-Maass series of several variables
-----------	----------	-------------------	--

### Break

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

4:55-5:30

### Speed talks

Abhishek	Saha	Integral representation and critical L-values for the standard L-function of a Siegel modular form
----------	------	--

Manish Kumar	Pandey	Shimura lifts of certain class of modular forms of half-integral weight
--------------	--------	---

Rob	Little	Kudla Millson Theta Series for $U(2,1)$
-----	--------	---

**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 $\mathbb{Q}(\sqrt{d})$ , $0 < d < 100$
-------------	----------	---------	--