**BB4: Schedule of Talks (draft)**

**MONDAY**

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

| 9:30-10:00 | Ian | Petrow | The Weyl law for algebraic tori |
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| 10:05-10:25 | Kathrin | Maurischat | Vector valued $\Gamma$-integrals |
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| 10:30-10:50 | Nahid | Walji | A refinement of strong multiplicity one |
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    **Break**

| 11:20-11:40 | Michael | Griffin | Polya's Program for the Riemann Hypothesis and Related Problems |
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| 11:45-12:05 | Michael | Neururer | Fourier expansions at cusps |
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| 12:10-12:30 | Hunduma | Legesse Geleta | Error Bernoulli Polynomial |
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    **Lunch**

| 2:30-3:00 | Giuliana | Davidoff | A proposed addition to Bhargava's thesis |
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| 3:05-3:25 | Sebastián | Herrero | A Jensen-Rohrlich type formula for the hyperbolic 3-space |
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| 3:30-3:50 | Jim | Brown | Congruences for paramodular Saito-Kurokawa lifts and applications |

**Break**

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

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| 4:45-5:05 | Didier | Lesesvre | Arithmetical Statistics on Quaternion Algebras |

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

**TUESDAY**

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

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

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

**Break**

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| 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 |

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| 11:45-12:05 | Saurabh Kumar | Singh | Weyl bound for $p$-power twist of GL(2) L-functions | Markus | Schwagenscheidt | Borcherds lifts of harmonic Maass forms |
| 12:10-12:30 | Haowu | Wang | Non-existence of reflective modular forms | Anup Kumar | Singh | Representations of a positive integer by octonary quadratic forms. |

**Lunch**

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|---|---|---|---|---|---|---|
| 2:30-3:00 | Stephan | Ehlen | New variants of the Doi and Doi-Naganuma lift and applications | Soumya | Das | Petersson norms of not necessarily cuspidal Jacobi modular forms and applications |
| 3:05-3:25 | Giresse Djomo | Okaso | An Algebraic approach of automorphic forms | Grant | Molnar | The Arithmetic of Modular Grids |
| 3:30-3:50 | Jaban | Meher | Certain identities among eigenforms | Eric | Moss | Congruences for Fourier Coefficients of Modular Functions of Levels 2 and 4 |

**Break**

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

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

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| 9:30-10:00 | Amita | Malik | Extremal primes for elliptic curves |

| Time | First | Last | Title | | First | Last | Title |
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| 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**

| Time | First | Last | Title | | First | Last | Title |
|------|-------|------|-------|---|-------|------|-------|
| 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 | | Andras | Biro | Local average of the hyperbolic circle problem for Fuchsian groups |
| 12:10-12:30 | Márton | Erdélyi | Kloosterman sums over GL_n | | | | |

**Lunch**

| Time | First | Last | Title |
|------|-------|------|-------|
| 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**

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

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

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

**THURSDAY**

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

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| 10:05-10:25 | Lejla | Smajlovic | On singular invariants for certain genus one arithmetic groups |

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| 10:30-10:50 | Shaul | Zemel | Heegner Divisors on Toroidal Compactifications of Orthogonal Shimura Varieties |

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| **Break** |

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| 11:20-11:40 | Edgar | Assing | The sup-norm problem for automorphic forms over number fields in the level aspect |

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| 11:45-12:05 | Gene | Kopp | Generating weights of modules of vector-valued modular forms for the Weil representation |

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| 12:10-12:30 | Dmitry | Frolenkov | Convolution formula for the sums of generalized Dirichlet L-series | | | |

**Lunch**

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|---|---|---|---|---|---|---|
| 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**

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

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

**FRIDAY**

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

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

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

**Break**

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

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