

PA_{lmetto} N_{umber} T_{heory} S_{eries} XXXIX

SCHEDULE OF ACTIVITIES

(All talks will be held in LC444)

SATURDAY, DECEMBER 7, 2024

9:30 COFFEE AND OTHER REFRESHMENTS (Wyman Williams Room, next to LC444)

10:00 **Jonah Klein** (USC), *On extreme values of $r_3(n)$ in arithmetic progressions*

10:30 **Erick Ross** (Clemson), *How large are the eigenvalues of the Hecke operators?*

11:00 **Nina Zubrilina** (MIT), *Root number correlation bias of Fourier coefficients of modular forms*

12:00 LUNCH (a list of restaurants in the area will be made available)

1:30 **Michael Griffin** (Vanderbilt), *Hecke-towers and modular product formulas*

2:30 COFFEE BREAK

3:00 **Tianyu Ni** (Clemson), *Shimura lift of Rankin-Cohen brackets of Eisenstein series and theta function*

3:30 **Steven Creech** (Brown), *An explicit zero-free region for automorphic L-functions*

4:00 COFFEE BREAK

4:30 **Tony Haddad** (Univ. de Montréal), *A coupling for prime factors*

SUNDAY, DECEMBER 8, 2024

8:30 COFFEE AND OTHER REFRESHMENTS (Wyman Williams Room, next to LC444)

9:00 **Nicholas Jones** (College of Charleston), *On covering systems and related problems*

9:30 **Yuan Liu** (UIUC), *On the distribution of class groups — beyond Cohen-Lenstra and Gerth*

10:30 COFFEE BREAK

10:50 **Mikhail Gabdullin** (UIUC), *Primes with small primitive roots*

11:20 **Alexander Bertoloni Meli** (Boston Univ.), *The local Langlands program and cuspidal vector bundles*

12:20 END OF CONFERENCE

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