

HKU Number Theory Days 2025

Venue: Main Building MB237

June 24 (Tuesday)	
9:30-9:40	Registration + Opening by IMR Director
9:40-10:30	Siegfried Böcherer <i>On denominators of some L-values, when twisted by characters</i>
10:30-10:40	Q&A
10:40-10:50	Tea Break
10:50-11:40	Dongxi Ye <i>Central L-values of congruent number curves</i>
11:40-11:50	Q&A
11:50-12:20	Krishnarjun Krishnamoorthy <i>On Moments of non-normal number fields</i>
12:20-12:30	Q&A
12:30-14:00	Lunch
14:00-14:50	Gergely Harcos <i>A new zero-free region for Rankin–Selberg L-functions</i>
14:50-15:00	Q&A
15:00-15:50	Jesse Thorner <i>Exceptional zeros of Rankin-Selberg L-functions</i>
15:50-16:00	Q&A
16:00-16:30	Kam Cheong Au <i>$\mathbb{Q}$-relations between colored multiple zeta values</i>
16:30-16:40	Q&A
16:40-16:45	Group Photo

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June 25 (Wednesday)	
9:40-10:30	Danylo Radchenko <i>Multiple polylogarithms and the Steinberg module</i>
10:30-10:40	Q&A
10:40-10:50	Tea Break
10:50-11:40	Henrik Bachmann <i>sl_2-algebras and multiple Eisenstein series</i>
11:40-11:50	Q&A
11:50-12:40	Eren Mehmet Kırıl <i>Kloosterman Sums for SL_3 long word element</i>
12:40-12:50	Q&A
12:50-14:20	Lunch
14:20-15:10	Byeong-Kweon Oh <i>Isolations of binary quadratic forms from their proper subforms</i>
15:10-15:20	Q&A
15:20-16:10	Daejun Kim <i>Sums of generalized polygonal numbers of almost prime length</i>
16:10-16:20	Q&A
16:20-16:30	Tea Break
16:30-17:20	Wai Kiu Chan <i>Can we recover an integral quadratic forms by representing all its proper subforms?</i>
17:20-17:30	Q&A
18:00	Conference Dinner

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June 26 (Thursday)	
9:40-10:30	Nathan Ng <i>Prime number error terms</i>
10:30-10:40	Q&A
10:40-10:50	Tea Break
10:50-11:40	Olga Balkanova <i>A Diophantine divisor problem</i>
11:40-11:50	Q&A
11:50-12:40	Sudhir Pujahari <i>Prime scattering geodesic theorem</i>
12:40-12:50	Q&A
12:50	Excursion

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June 27 (Friday)	
9:40-10:30	Asif Zaman <i>The least prime with a given factorization type</i>
10:30-10:40	Q&A
10:40-10:50	Tea Break
10:50-11:40	Yujiao Jiang <i>On Hypothesis H of Rudnick and Sarnak</i>
11:40-11:50	Q&A
11:50-12:40	Siu Hang Man <i>Explicit Kuznetsov trace formula for higher rank groups</i>
12:40-12:50	Q&A
12:50-14:20	Lunch
14:20-15:10	Larry Rolen <i>Conjectures of Andrews on partition-theoretic q-series</i>
15:10-15:20	Q&A
15:20-16:10	Stephen Kwok Kwong Choi <i>Limiting Behavior of Rudin-Shapiro Sequence Autocorrelations</i>
16:10-16:20	Q&A
16:20-16:30	Tea Break
16:30-17:20	Koustav Banerjee <i>Hyperbolicity of Jensen polynomials and a family of inequalities for sequences</i>
17:20-17:30	Q&A
17:30	Closing