Joint Math Meeting 2026

BA is Ballrom A. Generalize

Saturday Jan 3

Saturday Jan 3. Registration. Salon AB, WW Conv Center

Sunday Jan 4

GOTO: 8:00AM-12:00PM,150A- Supprting ugrad research

GOTO: 1:00-2:05PM,BA. Can AI help disc int math? Talk:

https://www.youtube.com/watch?v=5Lo7bo7P_I0

GOTO: 2:15-3:00PM,BA. Sperners Lemma. Talk:

https://www.youtube.com/watch?v=fduuR8lIuY4

GOTO: 1:00-5:00PM. 150A. Session: Ugrad Math (start at 3:00)

READ: Math and Social Justice. Patti Frazer Lock, Daniel Look. St. Lawerence Univ. Look at their course.

Monday Jan 5

GOTO: 8-11AM,140B.Games and Voting,140B

GOTO 1:15-1:30,301. Cops and Robbers. Paper:

https://arxiv.org/abs/2509.18516

GOTO 1:30-1:35PM,148B, Bertrands's Pardox. Plenty on Web.

GOTO: 2:45-3:00,301.Poly-to-exponential transitions in 3-uniform Ramsey Numbs. Paper:

https://arxiv.org/abs/2507.09434

GOTO: 3:00-3:15PM,158A. $\sqrt{\ }$-Algorithms from Antiquity to Today

GOTO: 3:15-3:30,159A.$R(K_4-e, K_8-e) \leq 31$. Anh Viet Nguyen and Andril Kryvenko.

GOTO: 3:45-4:00,302. Sperner Game. Hannah Beatty.

GOTO: 8:00PM-9:30PM,Marquis Salon 5, Mariott Marquis Wash DC.

Tuesday Jan 6

GOTO:8:00AM-8:15AM,144A. ERIN'S TALK.

8:00AM-12:00PM,147A. History of Math.

9:00-9:30,143B. History of Phil of Math. Amy Ackberg-Hastings.

9:00-9:30,143C. Comp numbs that remain comp when inserting. Jacob Juillerat (UNC at Pembroke), Ian Fultz, Aidan Kuster.

10:00AM-10:50AM,103A. Garrett Ervin on Linear Orders. Paper:

https://arxiv.org/abs/2512.13772

10:30AM-11:00AM,143B.From Plato to Cormac McCarthy: Math as metaphore. Daniel Sloughter

12:30PM-2:00PM Student Posters. Exhibit Hall D.
Rainbow-free colorings and rainbow numbers for $x + y = z^k$ by Benjamin Lannis (GA Tech) and Sarah O'connor (Providence college)
Guessing Numbers Against Liars. Mary Devine (Davidson College), Maya Cox (Wellesly College), David Jin (Univ of FL).

Wed Jan 7
GOTO: 10:30AM-11:00AM,147B. Hat guessing with Proper Colorings. Diff paper:
`https://www.cs.cornell.edu/~rdk/papers/hats.pdf`
GOTO: 11:00AM-11:30A,147B. Hat guessing Number of Graphs and its Variations. Diff paper:
`https://web.math.princeton.edu/~nalon/PDFS/hatguess6.pdf`
GOTO: 1:00-4:00,145A. History of Math 1:00-4:00.
READ: A survey of a pair of diophainte equations Hung Viet chu Washington and Lee University., Lots more authors.
GOTO The Ramsey number $R(K_5 - e, K_5)$. 4:00 Clarice Andorno and more peole. 147B
GOTO: 2:10-3:15,BA.Math of democracy 2:10-3:15. Ismar Volic. BA.