CANT 2026: **Monday, July 13, 2026**

9:00 - 9:25 a.m.	Kevin O'Bryant, College of Staten Island and CUNY Graduate Center "The Sidon error term "
9:30 - 9:55 a.m	Aradhya Goel, Indian Institute of Technology Kanpur, India "Sophie Germain primes and the totient of Fibonacci numbers "
10:00 - 10:25 a.m	Péter Pál Pach, HUN-REN Rényi Institute of Mathematics and BME, Hungary "On the density of Kravitz sets "
10:30 - 10:55 a.m.	Jose Ramon Madrid Padilla, Virginia Tech "Convolution inequalities and applications "
11:00 - 11:25 a.m	Mikhail Gabdullin, University of Illinois at Urbana-Champaign "Moments of the shifted prime divisor function "
11:30 - 11:55 a.m.	Alfred Geroldinger, University of Graz, Austria "On factorizations of zero-sum sequences over abelian torsion groups, I
12:00 - 12:25 p.m.	David Grynkiewicz, Memphis University "On factorizations of zero-sum sequences over abelian torsion groups, II"
1:30 - 1:55 p.m.	Sinan Gunturk, New York University "Exponential sums and a conjecture involving quantization of bandlimited functions"
2:00 - 2:50 p.m.	Ilya Shkredov, Purdue University "On Korobov's optimal coefficients "
3:00 - 3:50 p.m.	Jared Duker Lichtman, Stanford University "Primitive sets and von Mangoldt chains: Erdős #1196 and beyond"
4:00 - 4:50 p.m.	Steven J. Miller, Williams College, and PANTHers (Steven Miller's REU: Probability And Number THeory) " Recent advances in generalized MSTD problems and Zeckendorf games "
5:00 - 5:30 p.m.	Problem Session, chaired by Steve Miller

CANT 2026: **Tuesday, July 14, 2026**

9:00 - 9:25 a.m.	Johann Thiel, New York College of Technology (CUNY) " Generating functions for maximally expanded α-trees"
9:30 - 10:25 a.m	Sergei Konyagin, Russia "On Sidon sets with squares, cubes and quartics in short intervals"
10:30 - 10:55 a.m	Renling Jin, College of Charleston "Three-in-one in Ramsey theory"
11:00 - 11:25 a.m	Scott Chapman, Sam Houston State University " A surprising characterization of unique factorization domains "
11:30 - 12:20 p.m.	Akos Magyar, University of Georgia "Almost primes solutions to forms of odd degrees in many variables"
1:30 - 2:20 p.m.	Carl Pomerance, Dartmouth College "Two topics in combinatorial number theory"
2:30 - 2:55 p.m	Maksym Radziwill, New York University "Exponential sums over primes"
3:00 - 3:50 p.m.	Krishnaswami Alladi, University of Florida "Duality between prime factors and prime numbers in arithmetic progressions"
4:00 - 4:50 p.m.	George Andrews, Pennsylvania State University "The mystery of two-color partitions with distinct parts"
5:00 - 5:30 p.m.	Problem session, chaired by Krishnaswami Alladi

CANT 2026: **Wednesday, July 15, 2026**

9:00 - 9:25 a.m.	Sukumar Das Adhikari, Ramakrishna Mission Vivekananda Educational and Research Institute, India "A pearl of number theory: Some old and new applications"
9:30 - 9:55 a.m	Jinhui Fang, Nanjing Normal University, Nanjing, China "Minimal asymptotic bases related to $\mathcal{G}$-adic sequences"
10:00 - 10:25 a.m	Ivan V. Morozov, City College (CUNY) "On quotients of a more general theorem of Wilson"
10:30 - 11:20 a.m.	Jeffrey C. Lagarias, University of MIchigan "The Collatz problem: Progress and perspectives"
11:30 - 12:20 p.m.	Mel Nathanson, Lehman College and CUNY Graduate Center " Three problems in additive number theory"
1:30 - 1:55 p.m.	Steven Senger, Missouri State University "Nathanson's triangular gap question"
2:00 - 2:25 p.m.	Alisa Sedunova, Purdue University " Euler-Kronecker constants of maximal real cyclotomic subfields and Kummer's conjecture"
2:30 - 2:55 p.m	Alexander Borisov, Binghamton University "A structure sheaf for Kirch topology on $\mathbb{N}$"
3:00 - 3:25 p.m.	Wladimir Pribitkin, College of Staten Island and CUNY Graduate Center "Simple upper bound for the power partition function"
3:30 - 4:20 p.m.	Trevor Dion Wooley, Purdue University "Strong paucity in systems of diagonal equations "
4:30 - 4:55 p.m.	Michael Filaseta, University of South Carolina "On the factorization of a sum of cyclotomic polynomials"
5:00 - 5:30 p.m.	Problem session, chaired by Steve Senger

CANT 2026: **Thursday, July 16, 2026**

9:00 - 9:25 a.m.	Arindam Biswas, Polynom Research, Paris, France "Asymptotic approximate groups in virtually nilpotent groups"
9:30 - 9:55 a.m	Noah Kravitz, Oxford University, UK "Sets with few subset sums"
10:00 - 10:25 a.m	Nathan McNew, Towson University "Matchable numbers"
10:30 - 10:55 a.m.	Gergely Kiss, Rényi Institute of Mathematics and Corvinus University, Hungary " Lower bounds for mask polynomials with many cyclotomic divisors"
11:00 - 11:25 a.m	Pramana Saldin, University of California, Berkeley " Left and right quotient sets in non-abelian groups "
11:30 - 11:55 a.m.	Jonah Klein, University of South Carolina "The distortion method and its applications"
12:00 - 12:25 p.m.	Norbert Hegyvári, Eötvös University and Rényi Institute, Hungary "Consecutive sums, Sidon sets, convex sequences: Old and new problems"
1:30 - 1:55 p.m.	Amanda Montejano, Mexico "Discrete Brunn–Minkowski inequalities"
2:00 - 2:25 p.m	Isaac Rajagopal, MIT "Possible sizes of sumsets "
2:30 - 2:55 p.m.	Cosmin Pohoata, Emory University "Sidon sets in the squares, repeated distances, and the Elekes-Ronyai problem"
3:00 - 3:25 p.m.	Amita Malik, Pennsylvania State University "Lehmer-type partition statistics"
3:30 - 3:55 p.m.	Sandra Kingan, Brooklyn College and the Graduate Center, CUNY "Deletable edges in 3-connected graphs and their applications"
4:00 - 4:25 p.m.	C. J. Mozzochi, Connecticut "A new approach to the circle method attack on the m-prime conjecture"
4:30 - 4:55 p.m.	Austin Abraham Cramer, Penn State "Lattice points under polynomial curves"
5:00 - 5:30 p.m.	Problem session, chaired by Kevin O'Bryant

CANT 2026: **Friday, July 17, 2026**

8:00 - 8:25 a.m.	Gaurav Kumar, Indian Institute of Technology Gandhinagar, India “ ”Some identities of the sums-of-tails type
8:30 - 8:55 a.m.	Vivekanand Goswami, IIT Bhilai, India “Restricted set addition in finite abelian groups”
9:00 - 9:25 a.m.	Semin Yoo, Institute for Basic Science, Korea “Multiplicative irreducibility of shifted multiplicative subgroups”
9:30 - 9:55 a.m	Sándor Kiss, Budapest University of Technology and Economics, Hungary “Monotone increasing representation functions”
10:00 - 10:25 a.m	Dennis Eichhorn, University of California - Irvine “The combinatorics of sequences that enjoy a curious self-convolutive property”
10:30 - 10:55 a.m.	Alexander Kalmynin, Higher School of Economics, Russia “Sárközy’s conjecture on quadratic residues”
11:00 - 11:25 a.m	Mohan, BK Birla Institute of Engineering and Technology, Pilani, India “Lehmer-type conjectures and open problems for Nathanson’s totient functions ”
11:30 - 11:55 a.m.	Philippa Holdridge, Alfréd Rényi institute, Hungary “The size of certain symmetric differences of sets of integers”

CANT 2026: **Friday, July 17, 2026**

12:30 - 12:55 p.m.	Paolo Leonetti, Università degli Studi dell'Insubria and Università Bocconi, Italy " Independent families and asymptotic density "
1:00 - 1:25 p.m.	Neetu, National Institute of Technology Karnataka, India "Small doubling in right-ordered groups"
1:30 - 1:55 p.m.	Veronica Bitonti, University of Oxford, UK "Gap sets of random generalized numerical semigroups "
2:00 - 2:25 p.m.	Salvatore Tringali, Hebei Normal University, China "Power semigroups and two rigidity theorems for groups"
2:30 - 2:55 a.m	Katalin Gyarmati, Eötvös Loránd University, Hungary "The taxicab problem for polynomials and generalizations of Mason's theorem"
3:00 - 3:25 p.m.	Russell Hendel, Towson University "Improvements in calculating the recursion satisfied by a family of determinants"
3:30 - 3:55 p.m.	Manjil P. Saikia, Ahmedabad University, Ahmedabad, India "Hook length biases in t-regular and t-core partitions"
4:00 - 4:25 p.m.	Neranga Fernando, Knox College "Contributions to the famiily of reversed Dickson polynomials "
4:30 - 4:55 p.m.	Lindsay Dever, Millersville University "Atoms in the semigroup of non-negative integer matrices"

CANT 2026: **Saturday, July 18, 2026**

7:30 - 7:55 a.m.	Yasuaki Gyoda, Nagoya University, Japan "Generalized discrete Lagrange–Markov spectra"
8:00 - 8:25 a.m.	Chahat Ahuja, Indraprastha Institute of Information Technology, India "Visibility of lattice points across polynomial curves"
8:30 - 8:55 a.m.	Daniel Baczkowski, University of Findlay "Building off the ideas of Erdős, Sierpiński, Riesel, and more"
9:00 - 9:25 a.m.	Eshita Mazumdar, Ahmedabad University, Ahmedabad, India "Extending zero-sum theory from abelian to non-abelian groups"
9:30 - 9:55 a.m	Krystian Gajdzica, Jagiellonian University, Poland "On the Bessenrodt-Ono inequality for polynomials"
10:00 - 10:25 a.m	Debyani Manna, Indian Institute of Technology Roorkee, India "Extended Inverse results for restricted h-fold sumset in integer "
10:30 - 10:55 a.m.	Chi Hoi Yip, Hong Kong University of Science and Technology, Hong Kong "Additive properties of multiplicatively defined sets"
11:00 - 11:25 a.m	Akshat Mudgal, University of Warwick, UK "A structure theorem for sets with doubling $4 + \delta$"
11:30 - 11:55 a.m.	Marco Cantarini, University of Perugia, Italy "Averages of the diagonal Elliott-Halberstam problem twisted by the Möbius function with Sobolev and Hölder-Zygmund weights"
12:00 - 12:25 p.m.	Aviral Srivastava, IIT Gandhinagar, India "Non-Rascoe partitions and a rank parity function associated to the Rogers–Ramanujan partitions "

CANT 2026: **Saturday, July 18, 2026**

1:00 - 1:25 p.m.	Kiseok Yeon, University of California - Davis "On the density of rational lines on cubic diagonal hypersurfaces"
1:30 - 1:55 p.m.	Florian Luca, Stellenbosch University, South Africa "Multiply gleeful numbers "
2:00 - 2:25 p.m.	Francis Atta Howard, University of Abomey-Calavi, Benin Republic "Gertsch quotient living in the "poor man's adele ring" $\mathcal{A}$: Kurepa-Bell-Wilson congruence"
2:30 - 2:55 a.m	Bobby Jacobs "Fibonacci multiplication"
3:00 - 3:25 p.m.	Augustine O. Munagi, University of the Witwatersrand, South Africa "A Bessenrodt-Ono inspired inequality for compositions proved constructively"
3:30 - 3:55 p.m.	Laurence P. Wijaya, University of Kentucky "Polynomial corners over finite field"
4:00 - 4:25 p.m.	Glenn T. Bruda, University of Florida "Generalized polygonal number representations"
4:30 - 4:55 p.m.	Collier Gaiser, Community College of Aurora, Colorado "On Rado numbers for equations with unit fractions"