CANT 2022:   Tuesday, May 24, 2022

9:00 - 9:25 a.m.   **Emma Bailey**, CUNY Graduate Center
Large deviations of Selberg's central limit theorem

9:30 - 9:55 a.m   **Jörg Brüdern**, Universität Göttingen, Germany
Bracketed ternary additive problems

10:30 - 10:55 a.m.   **Gautami Bhowmik**, Université de Lille, France
Siegel zeros under Goldbach conjectures

11:30 - 11:55 a.m.   **Trevor D. Wooley**, Purdue University
Shifted analogues of the divisor function

1:00 - 1:25 p.m.   **Huy Pham**, Stanford University,
Homogeneous structures in subset sums and applications

1:30 - 1:55 p.m.   **Krystian Gajdzica**, Jagiellonian University, Kraków, Poland
Some inequalities for the multicolor restricted partition function $p_{\mathcal{A}}(n, k)$

2:00 - 2:25 p.m.   **James Sellers**, University of Minnesota Duluth
Relating the crank of a partition and smallest missing parts

2:30 - 2:55 a.m   **Benjamin Baily**, Williams College
Large sets are sumsets

3:00 - 3:25 p.m.   **Li Guo**, Rutgers University - Newark
Renormalization of quasisymmetric functions

3:30 - 3:55 p.m.   **Johann Thiel**, New York City College of Technology, CUNY
Solving the membership problem for certain subgroups of $SL_2(\mathbb{Z})$

4:00 - 4:25 p.m.   **Chi Hoi Yip**, University of British Columbia
Asymptotics for the number of directions determined by $[n] \times [n]$ in $\mathbb{F}_p^2$

4:30 - 4:55 p.m.   **Ethan Patrick White**, University of British Columbia
Erdős' minimum overlap problem

CANT 2022: Wednesday, May 25, 2022

9:00 - 9:25 a.m.   **Shruti Hegde**, Vivekananda Educational and Research Institute, India
Weighted zero-sum constants and inverse results

9:30 - 9:55 a.m   **Gábor Somlai**, Eötvös Loránd University and Rényi Institute, Hungary
Fuglede's conjecture, the one dimensional case

10:00 - 10:25 a.m.   **Leonid Fel**, Technion – Israel Institute of Technology, Israel
Commutative monoid of self-dual symmetric polynomials

10:30 - 10:55 a.m.   **Jakub Konieczny**, Claude Bernard University Lyon 1, France
Automatic semigroups

11:00 - 11:25 a.m.   **Péter Pál Pach**, TU Budapest
Colouring the smooth numbers

11:30 - 11:55 a.m.   **Jared Duker Lichtman**, University of Oxford
A proof of the Erdős primitive set conjecture

1:00 - 1:25 p.m.   **Max Wenqiang Xu**, Stanford University
On a Turán Conjecture and random multiplicative functions

1:30 - 1:55 p.m.   **Piotr Miska**, Jagiellonian University, Kraków, Poland
On (non-)realizibility of Stirling numbers

2:00 - 2:25 p.m.   **Qinghai Zhong**, University of Graz, Austria,
On monoids of weighted zero-sum sequences

2:30 - 2:55 a.m   **Sinai Robins**, University of Sao Paulo, Brazil
The covariogram and an extension of Siegel's formula

3:00 - 3:25 p.m.   **Mel Nathanson**, Lehman College (CUNY)
Multiplicity interpolation of polynomials

3:30 - 3:55 p.m.   **Noah Kravitz**, Princeton University
Zero patterns of derivatives of polynomials

4:00 - 4:25 p.m.   **Catherine Yan**, Texas A&M University
Multivariate Gončarov Polynomials and Integer Sequences

4:30 - 4:55 p.m.   **Yin Choi Cheng**, CUNY Graduate Center
Order type of shifts of morphic words

5:00 - 5:25 p.m.   **Tim Trudgian**, UNSW Canberra at the Australian Defence Force Academy
Dont believe the Fake Mu's!

CANT 2022: Thursday, May 26, 2022

9:00 - 9:25 a.m.	**Jin-Hui Fang**, Nanjing University of Information Science and Technology Representation functions avoiding integers with density zero
9:30 - 9:55 a.m	**Carlo Sanna**, Politecnico di Torino, Italy Membership in random ratio sets
10:00 - 10:25 a.m.	**Norbert Hegyvari**, Eötvös Loránd University and Rényi Institute, Hungary Boolean functions defined on pseudo-recursive sequences
10:30 - 10:55 a.m.	**Steven Senger**, Missouri State University Distinct dot products, convexity, and $AA+1$
11:00 - 11:25 a.m.	**Gergely Kiss**, Alfréd Rényi Institute of Mathematics, Hungary Fuglede's conjecture on the direct product of finite abelian groups
11:30 - 11:55 a.m.	**Renling Jin**, College of Charleston Hyper-hyper-hyper-integers and a simple proof of Szemerédi's theorem
1:00 - 1:25 p.m.	**Rachel Greenfeld**, UCLA Translational tilings
1:30 - 1:55 p.m.	**Thái Hoàng Lê**, University of Mississippi Bohr sets in sumsets in countable abelian groups
2:00 - 2:25 p.m.	**Paul Pollack**, University of Georgia Weak uniform distribution of certain arithmetic functions
3:00 - 3:25 p.m.	**Henry Fleischmann**, Univ. Michigan, and **Ethan Pesikoff**, Yale Univ. Angle variants of the Erdős distinct distance problem
3:30 - 3:55 p.m.	**Alex Rice**, Millsaps College New results in classical and arithmetic Ramsey theory
4:00 - 4:25 p.m.	**Russell Jay Hendel**, Towson University A system of four simultaneous recursions
4:30 - 4:55 p.m.	**Ariane Masuda**, New York City College of Technology, CUNY Rédei permutations with the same cycle structure

CANT 2022: Friday, May 27, 2022

9:00 - 9:25 a.m. **Sean Prendiville**, Lancaster University, UK
Adapting the circle method for colourings

9:30 - 9:55 a.m **Ajmain Yamin**, CUNY Graduate Center
The exceptional automorphism of S_6 explained with colored maps

10:00 - 10:25 a.m. **Paolo Leonetti**, Università "Luigi Bocconi", Milano, Italy
The G.C.D. of n and the nth Fibonacci number

10:30 - 10:55 a.m. **Mikhail Gabdullin**, Steklov Mathematical Institute, Moscow, Russia
A conjecture of Cilleruelo and Cordoba and divisors in a short interval

11:00 - 11:25 a.m. **Bartosz Sobolewski**, Jagiellonian University, Kraków, Poland
Monochromatic arithmetic progressions in binary words associated with pattern sequ

11:30 - 11:55 a.m. **Maciej Ulas**, Jagiellonian University, Kraków, Poland
Solutions of certain meta-Fibonacci recurrences

1:00 - 1:25 p.m. **Daodao Yang**, Graz University of Technology, Austria
Extreme values of derivatives of the Riemann zeta function, log-type GCD sums, an

1:30 - 1:55 p.m. **Filip Gawron**, Jagiellonian University, Poland
Sign behavior of sums of weighted numbers of partitions

2:00 - 2:25 p.m. **Anurag Sahay**, University of Rochester
Moments of the Hurwitz zeta function with rational shifts

2:30 - 2:55 a.m **Ognian Trifonov**, University of South Carolina
Lattice points close to ovals, arcs, and helixes

3:00 - 3:25 p.m. **Brad Isaacson**, New York City College of Technology (CUNY)
On a polynomial reciprocity theorem of Carlitz

3:30 - 3:55 p.m. **Wijit Yangjit**, University of Michigan
On the Montgomery–Vaughan weighted generalization of Hilbert's inequality

4:00 - 4:25 p.m. **Faye Jackson**, Univ. Michigan, and **Luke Reifenberg**, Univ. Notre Dame
The Generalized Bergman game