



WEDNESDAY, JULY 11st

J. ERNEST WILKINS WORKSHOP FOR FUTURE RESEARCHERS

[Simonyi Hall, INSTITUTE FOR ADVANCED STUDY]

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| 11:30 am | NASSAU INN BUS to IAS |
| 12 noon | Workshop Lunch at IAS
[Dilworth Room, Marilyn and James Simons Hall, IAS] |
| 1:30 – 3:30 | Mathematical Thinking and CAARMS History
William A. Massey, Princeton University |
| 4:00 – 5:30 | Participating in Programs at the Mathematical Sciences Institutes
Ulrica Wilson, Morehouse College & ICERM, Brown University |
| 5:30 – 7:30 pm | Welcoming Reception
[Dilworth Room, Marilyn and James Simons Hall, IAS] |
| 7:30 pm | First IAS BUS to NASSAU INN |
| 8:00 pm | Final IAS BUS to NASSAU INN |



THURSDAY, JULY 12th [Simonyi Hall, INSTITUTE FOR ADVANCED STUDY (IAS)]

- 7:30 am **FIRST NASSAU INN BUS to IAS**
- 8:00 – 8:30 **Breakfast & Registration [Dining Room, Marilyn and James Simons Hall, IAS]**
FINAL NASSAU INN BUS to IAS at 8:00 am
- 8:30 – 9:00 **Welcoming Remarks [Simonyi Hall, IAS]**
Peter C. Sarnak, School of Mathematics at the Institute for Advanced Study
William A. Massey, Department of Operations Research and Financial Engineering
- 9:00 – 10:00 **Kasso Okoudjou, Massachusetts Institute of Technology &**
University of Maryland
A Promenade in Time-Frequency Analysis
- 10:00– 10:15 *Lightning Poster Session #1*
- 10:15 – 11:15 **Ashia Wilson, University of California, Berkeley**
Lyapunov Arguments in Optimization
- 11:15 – 11:30 *Lightning Poster Session #2*
- 11:30 –12:30 **Joel Ronnie Nagloo, Bronx Community College – CUNY**
Functional Transcendence via Model Theory
- 12:30 – 1:45 **Lunch [Dining Room, Marilyn and James Simons Hall, IAS]**
- 1:45 – 2:00 *Lightning Poster Session #3*
- 2:00– 3:00 **Jacob Gayles, Max Planck Institute for Chemical Physics of Solids**
Transverse Transport in Topological Magnetic Materials
- 3:00 – 3:15 *Lightning Poster Session #4*
- 3:30 – 4:00 **Coffee & Tea Break**
- 4:00 – 5:00 **RUDY LEE HORNE Speaker in Applied Mathematics:**
Christopher KRT Jones, University of North Carolina at Chapel Hill
Assimilating Data into Physical Models
- 5:15 – 6:00 **Tributes to Professor Rudy L. Horne and Dr. Angela Grant**
Gelonia Dent, Medgar Evers College - CUNY / Brown University
Monica Jackson, American University
- 6:00 – 8:00 pm **ANGELA GRANT Poster Session for Student Researchers**
[Dilworth Room, Marilyn and James Simons Hall, IAS]
- 8:00 pm **FIRST NASSAU INN BUS to IAS**
- 8:30 pm **FINAL NASSAU INN BUS to IAS at 8:00 am**



FRIDAY, JULY 13th [Room 399, 4th Floor JULIS ROMO RABINOWITZ BUILDING, PRINCETON UNIVERSITY]

- 8:30 – 9:30 **Breakfast**
- 9:30 – 9:45 **Welcome**
Rene Carmona
Chair, Department of Operations Research and Financial Engineering
- 9:45 – 10:45 **Dennis Dean, Seven Bridges Genomics**
Democratizing National-Scale Genomic Data Analysis through Innovation
- 10:45 – 11:00 **Break**
- 11:00 – 12:00 **Joshua Hale, Intel Corporation**
Solving Multi-Objective Optimization via Model-Based Stochastic Search
- 12:00 – 2:00 **Lunch and Group Discussions**
- 2:00 – 3:00 **Nonhle Channon Mdziniso, Central Michigan University & Bloomsburg University**
Parametric Analysis of Renal Failure Data Using the Exponentiated Odd Weibull Distribution
- 3:00 – 3:30 **Handing out T-Shirts, Caps and GROUP Photo.**
- 3:30 – 4:30 **Ulrica Wilson, Morehouse College & ICERM, Brown University**
Special Classes of Matrices and their Combinatorial Structures
- 6:00 – 9:00 pm **Reception, Banquet, and Angela Grant Poster Awards**
Gelonia Dent, Medgar Evers College - CUNY & Brown University
Monica Jackson, American University
[LOUIS A. SIMPSON BUILDING - ATRIUM, PRINCETON UNIVERSITY]

SATURDAY, JULY 14th

DAVID BLACKWELL WORKSHOP FOR FUTURE RESEARCH
(Classroom 101, SHERRERD HALL, PRINCETON UNIVERSITY)

- 9:00 – 9:45 **Continental Breakfast**
- 9:45 – 10:00 **Workshop Introduction**



10:00 – 10:20	Poster Winner Lecture #1
10:20 – 10:40	Poster Winner Lecture #2
10:40 – 11:00	Poster Winner Lecture #3
11:00 – 11:20	Break
11:20 – 11:40	Poster Winner Lecture #4
11:40 – 12:00	Poster Winner Lecture #5
12:00 noon	End of Conference and Lunch on Your Own