

Tentative Conference Program

(Draft 062224)

Friday January 24, 2025

Bus pickup from the Hotel to the Physics Department, Gant South at 2pm and 3pm ET

3:00 – 4:00 pm: Conference Registration/Check-in at the Physics Department. (Light Court)

3:30- 4:00 **Opening Reception** and Welcome by CU*iP Chair Nora Berrah; Provost or Dean of CLAS and Dept Head George Gibson (Light Court)

4:00 – 6:00 pm: Lab/Presentation tours; students have several options:

- Astrophysics (Cara)
- Ultra Cold laboratories in Atomic, Molecular and Optical Physics (Simone)
- Condensed matter Physics (Ilya)
- Low and medium energy Nuclear Physics (Andrew, Alan)
- Ultrafast laser labs (Cameron, Tobi)
- Particle Physics (Gerald)

6:00 – 7:00 pm: **Dinner** (Light Court)

Session Chair 1: Laura Green (FSU))

7:00 – 7:30 pm: Plenary Lecture 1 (20 mins) and Q/A (10 mins): [Kate Kirby](#) (former CEO APS).

[“Overview of APS Resources for Careers in Physics”](#) Location TBD

7:30-8:30 pm Panel discussion [“Graduate Students Experiences”](#) Location TBD

8:30 –9:30 pm: Social activity-I led by Matt Guthrie and his team. [Location TBD](#)

Bus pickup from the Physics Department, Gant South, to the Hotel at 8:30 pm and 9:30 pm

Saturday January 25, 2025

Bus pickup from the Hotel to the Physics Department, Gant South at 7:00 am and 8:00 am

Session 2- Chair Kate Kirby (APS)

8:00 – 8:30 am **Breakfast** (light Court)

8:30 - 9:00 AM Plenary Lecture 2 (20 mins) and Q/A (00 mins): Laura Greene (FSU) [“My Journey to Condensed matter science”](#) Location TBD

- 9:00 -10:00 AM Parallel Panel Session A [Location TBD](#)
- A1. Applying to graduate school. Is it right for me?
- A2. Exploring post-undergrad physics careers - SPS Careers Toolkit
- A3. Career Paths in Academia
- A4: Balancing personal and professional lives
- A5: Discrimination, Harassment and LGBTQ+
- 10:30 - 11:00 AM **Coffee Break** ([Light Court](#))
- 11:00 - 12:00 PM Parallel Panel Session B [Location TBD](#)
- Panel A6: Career Paths in Industry. How Studying Physics Can Develop Needed Skills
- Panel A1: Applying to graduate school. Is it right for me?
- Panel A4: Balancing personal and professional lives
- Panel A5: Discrimination, Harassment and LGBTQ+
- 12:00 - 1:00 PM **Lunch** ([Light Court](#))
- Session 3-** Chair Nora Berrah (UConn)
- 1:45 pm – 2:00 pm Everyone in the Lecture room for the Group Photo
- 2:00 pm – 3:30 PM **National Keynote Lecture;** [Meghan Anzels](#), Head of Data and Analytics
[Location TBD](#)
- 3:30 – 5:45 PM **Refreshment** ([Light Court](#))
- Poster Session (Keep poster up for second viewing on Sunday)
- 5:45 – 7:00 PM **Conference Dinner** ([Light Court](#))
- 7:00 – 8:00 PM Plenary Lecture 3 (30 mins) and Q/A (30 mins) Prof. Priya Natarajan (Yale U.)
“Dark matter, Dark energy, Black holes” [Location TBD](#)
- 8:00 –9:30 PM Social activity-II led by Matt Guthrie and his team. [Location TBD](#)
- Bus pickup from the Physics Department, Gant South, to the Hotel at 8:30 pm and 9:30 pm

Sunday, January 26, 2025

Bus pickup from the Hotel to the Physics Department, Gant South at 7:00 am and 8:00 am

8:00 – 8:30 AM **Breakfast** ([Light Court](#))

Session 4- Chair Erin Scanlon (UConn)

8:30 – 9:30 AM Plenary Lecture 4 (30 mins) and Q/A (30 mins) Prof. Phiala Shanahan (MIT)
“[Particle Physics and Machine Learning](#)” [Location TBD](#)

9:30 – 10:30 AM Poster Session and (**Fill out conference post- survey**)

10:30 – 11:00 AM **Coffee Break** ([Light Court](#))

11:00 – 12:00 PM Parallel Panel Session C [Location TBD](#)

C1: How to Get Involved in Research: Theory, Experiment or Computational.
Which is for me?

C2. Confronting imposter syndrome

C3. Depression and Anxiety: Dealing with Mental Health While in School)

A6. Career Paths in Industry. How Studying Physics Can Develop Needed Skills

12:00 – 1:00 PM **Lunch** with panel on minorities and women in physics ([Light Court](#))

1:00 - 2:30 PM (**Fill out conference post- survey**)

Small Groups Networking & Mentoring [Location TBD](#)

2:30 - 3:00 PM - Poster Awards & Closing Ceremony [Location TBD](#)

3:00 pm: Bus pickup from the Physics Depart., Gant South, to Hotel or Airport, depending on doodle poll at pm and pm

Parallel Panel Sessions Information

Friday		
Panel	Panelists	Description
Graduate student panels	<ul style="list-style-type: none"> • Cameron Brady • Meg Davis • Dani Lipman • Jessica Mitlehne • Juliette Stecenko, • Kaley Wilcox • Peter's student 	Students will describe their experience and will engage the audience to share and discuss opportunities and challenges.
Saturday		
Panel	Panelists	Description
A1: Applying to graduate school. Is it right for me?	<ul style="list-style-type: none"> • Laura Greene • Meg Urry • Nora Berrah 	
A2: Exploring post-undergrad physics careers - SPS Careers Toolkit	<ul style="list-style-type: none"> • Kate Kirby • Hannah Morrill • Toni Sauncy 	
A3: Career Paths in Academia	<ul style="list-style-type: none"> • Phiala Shanahan • Priya Natarajan • Elena Dormidontova • Amy Courchesne 	
A4: Balancing personal and professional lives	<ul style="list-style-type: none"> • Stacey Hanlon • Sarah Trallero • Cara Battersby 	
A5: Discrimination, Harassment and LGBTQ+	<ul style="list-style-type: none"> • Katherine Capshaw • Erin Scanlon • Kathleen Holgerson 	
Sunday		
Panel	Panelists	Description
B1: How to Get Involved in Research: Theory, Experiment or Computational. Which is for me?	<ul style="list-style-type: none"> • Phiala Shanahan • Giulia Semeghini • Nora Berrah 	

<p>B2. Career Paths in Industry. How Studying Physics Can Develop Needed Skills</p>	<ul style="list-style-type: none"> • Gabriela Ilie • Sadhana Suresh • Jen Carini • Erin Curry • Maggie Sundberg • Kara Phillips 	
<p>B3. Confronting imposter syndrome</p>	<ul style="list-style-type: none"> • Rachel Gabriel • Laura Greene • Cara Battersby • Kathleen Holgerson • Nancy Naples 	
<p>B4. Depression and Anxiety: Dealing with Mental Health While in School</p>	<ul style="list-style-type: none"> • Erin Scanlon • Marisa Chrysochoou 	