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 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 Anzelc, 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)


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

<table>
<thead>
<tr>
<th>Panel</th>
<th>Panelists</th>
<th>Description</th>
</tr>
</thead>
</table>
| Graduate student panels            | • Cameron Brady  
• Meg Davis  
• Dani Lipman  
• Jessica Mittlehe  
• Juliette Steeneko,  
• Kaley Wilcox  
• Peter’s student | Students will describe their experience and will engage the audience to share and discuss opportunities and challenges. |

### Saturday

<table>
<thead>
<tr>
<th>Panel</th>
<th>Panelists</th>
<th>Description</th>
</tr>
</thead>
</table>
| A1: Applying to graduate school. Is it right for me? | • Laura Greene  
• Meg Urry  
• Nora Berrah |                                                                               |
| A2: Exploring post-undergrad physics careers - SPS Careers Toolkit | • Kate Kirby  
• Hannah Morrill  
• Toni Sauncy |                                                                               |
| A3: Career Paths in Academia | • Phiala Shanahan  
• Priya Natarajan  
• Elena Dormidontova  
• Amy Courchesne |                                                                               |
| A4: Balancing personal and professional lives | • Stacey Hanlon  
• Sarah Trallero  
• Cara Battersby |                                                                               |
| A5: Discrimination, Harassment and LGBTQ+ | • Katherine Capshaw  
• Erin Scanlon  
• Kathleen Holgerson |                                                                               |

### Sunday

<table>
<thead>
<tr>
<th>Panel</th>
<th>Panelists</th>
<th>Description</th>
</tr>
</thead>
</table>
| B1: How to Get Involved in Research: Theory, Experiment or Computational. Which is for me? | • Phiala Shanahan  
• Giulia Semeghini  
• Nora Berrah |                                                                               |
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>
• Sadhana Suresh  
• Jen Carini  
• Erin Curry  
• Maggie Sundberg  
• Kara Phillips |
| B3.     | Confronting imposter syndrome                                         | • Rachel Gabriel  
• Laura Greene  
• Cara Battersby  
• Kathleen Holgerson  
• Nancy Naples |
| B4.     | Depression and Anxiety: Dealing with Mental Health While in School    | • Erin Scanlon  
• Marisa Chrysochoou |