

Welcome to the PPPL Graduate Summer School

Presenters: Luis Delgado-Aparicio, Ahmed Diallo, Fatima Ebrahimi,
Lan Gao, Walter Guttenfelder, Greg Hammett, Mike Jaworski, Gerrit
Kramer, and Stewart Prager

Hosted by: Arturo Dominguez and the Science Education Department

Target audience of the PPPL GSS

- While there are several plasma “summer schools” they are usually focused on advanced topics in plasma physics (e.g. Sherwood conference, Michigan HEDP, etc.).
- The PPPL Summer School is intended for a broad plasma physics audience.
- Target audience is students who are early in their graduate careers and may use the content to guide their research.

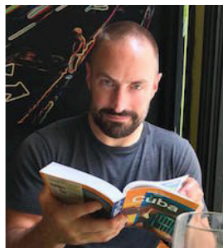


The GSS features 3 mini-courses (5 lectures each)

Turbulence



Prof. Greg
Hammett

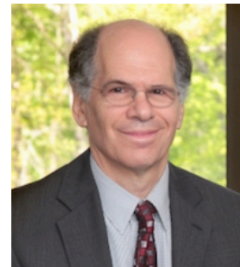


Dr. Walter
Guttenfelder

Reconnection /Dynamo



Dr. Fatima
Ebrahimi



Prof. Stewart
Prager

Diagnostics



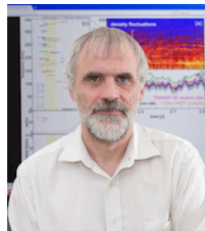
Dr. Ahmed
Diallo



Dr. Luis
Delgado-
Aparicio



Dr. Lan
Gao



Dr. Gerrit
Kramer



Dr. Mike
Jaworski

Other activities at the GSS

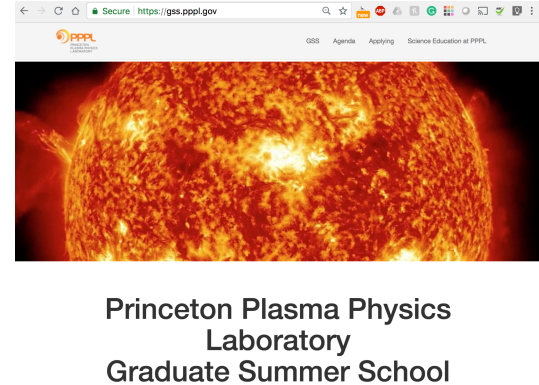
- Every day an hour is reserved for student presentations.
- On Wednesday, participants will attend the undergraduate poster session.
- On Thursday there is a tour of PPPL
- Participants will present on their research / group's research Thursday afternoon.
- Friday morning there will be an open window to meet with potential collaborators.
- Meet with PPPL graduate students at the Friday grad coffee hour.



Streaming and archiving

- All talks will be streamed at the GSS website:
<https://gss.pppl.gov/>
- They will become available later to view on the site.
- This follows the model of the PPPL SULI undergraduate internship one week course:
<https://suli.pppl.gov/>

GSS site



SULI site



Make the most of the GSS

- Ultimately, the PPPL GSS is a chance for graduate students from all across the country in different fields of plasma physics to come together and meet the scientists and students of PPPL.
- Take this opportunity to practice your presentation skills in a friendly setting.
- Explore fields of plasma physics you're unfamiliar with.
- Ask lots of questions!

