

YOU'VE MADE IT TO THE END!!!

Thank you for joining us on this whirlwind of plasma physics and fusion energy science talks!

We hope these talks gave you a taste of the many challenges that are still out there.

We need you to help us solve them!

Friday (6/16) Princeton and PPPL will be observing Juneteenth

- **Juneteenth is a holiday commemorating the emancipation of enslaved people in the US.**
- It commemorates the day in 1865 when enslaved people of Texas, then the most remote region of the Confederacy, finally learned slavery had been abolished.
- In observance of **Juneteenth**, Princeton U and PPPL will be closed on Friday, June 16th.
- We welcome you to take some time to learn about Juneteenth and about ongoing systemic racism in the US and in your own country.



Plaque in Galveston commemorating Juneteenth

Certificates of Completion

As mentioned at the beginning of the course, we'll be providing certificates of completion. Whereas last year we only provided it to those who were able to watch a certain amount live, we realize that many of you have been watching the recordings on a regular basis.

Once you have watched **all available lectures** (either live or pre-recorded), please visit [this Goggle Form site](#) to answer some questions about the course. Once completed, we will email you a pdf certificate. **Last day to submit is September 7th, 2023.**

Do you have feedback (named or anonymous) we encourage you to share it with [this form](#).



Run with the Discord Server!

It was great to seeing activity on the Discord Server!

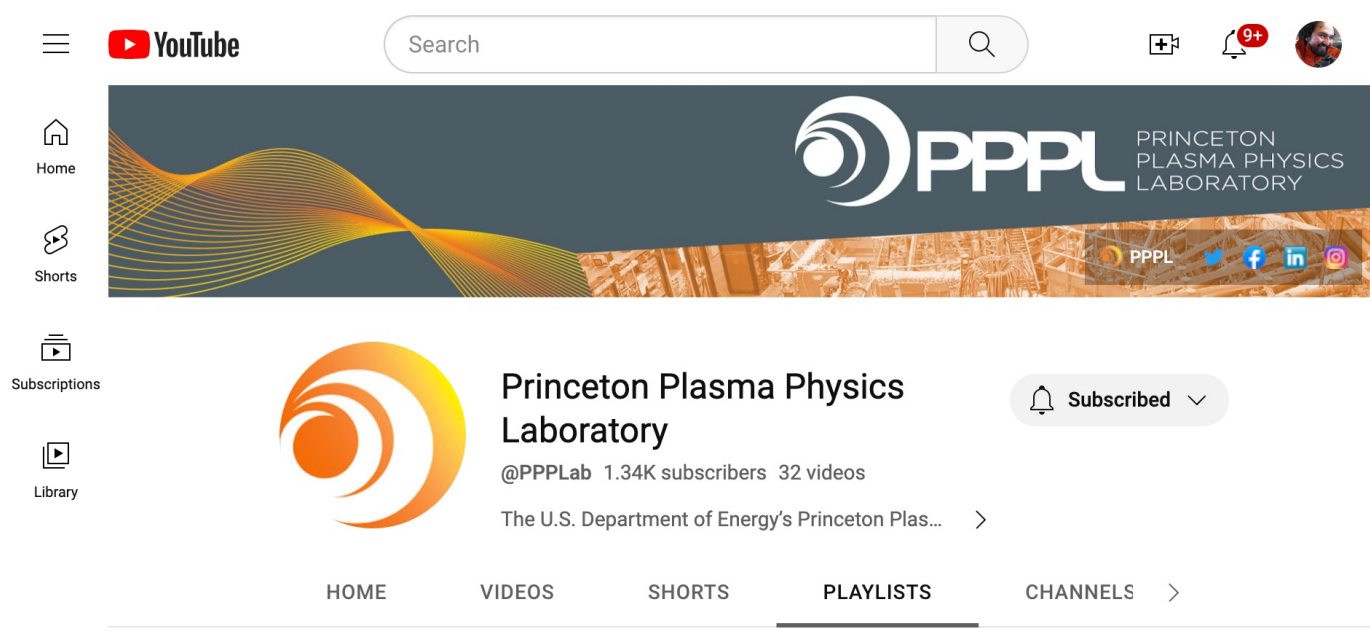
It's served not only to continue conversations with the speakers, but also for you to meet one another and share professional/personal info. Love it!

We'll also be putting updates about the talk uploads, seminars, job/internship opportunities throughout the summer and beyond.

But this is meant for you, so please keep on using it and finding ways for it to be useful for you!

Check out the PPPL Youtube channel!

While all lectures will be found on the site, we will also post them on the PPPL Youtube Channel!



Want to know the latest in
US Fusion news, events
and JOBS!? (including
internships)
Visit the
USFusionEnergy.org site!!



Fusion is fundamental to our
universe and to a future of
sustainable, reliable energy.


→ What is Fusion?



Play with a plasma from home!

The Remote Glow Discharge Experiment is a great remote experiment that we run in our lab!

<https://scied-web.pppl.gov/rgdx/>

PRINCETON PLASMA PHYSICS LABORATORY

RGDX Online Lab

Level 1Level 2

Introduction

> What am I looking at?

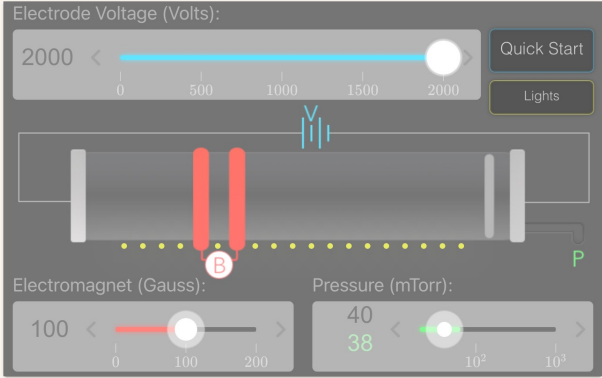
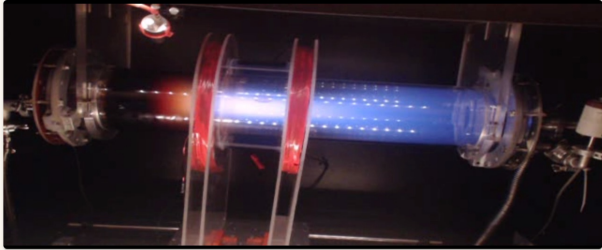
> How can I make it glow?

> What is plasma?

> Why does the plasma glow?

Controls

☒ Tasks



Electrode Voltage (Volts):
2000 < [slider] > Quick Start
0 500 1000 1500 2000
Lights

Electromagnet (Gauss):
100 < [slider] > Pressure (mTorr):
40 38
0 100 200 10² 10³

Position: 1 of 1

Arturo

Remaining time
9:47 min

Quit

User

Left

1 Arturo 9:47

APS-DPP abstract submissions



- The American Physical Society Division of Plasma Physics (APS-DPP) meeting is scheduled for the week of Oct 30-Nov. 3 in Denver, CO. The conference will be held as a hybrid in-person/remote event. Visit the [meeting website](#) for up to date information.
- As with every year, undergraduates are invited to present their research at a dedicated poster session. There were more than 100 undergraduate posters at the 2022 APS-DPP meeting!
- **All poster abstract submissions are due July 14th and can be submitted on the [meeting website](#)**
- Registration and APS membership is free for undergrads!

Sign up to mailing list to find out about all these events and more!

If you registered, you should've seen a question asking to sign up for a mailing list. →

Would you like to be contacted in the future about US plasma/fusion events/internships/workshops/graduate application events, etc.? (you can unsubscribe to the mailing list anytime) *

☐ Yes

☐ No

If you clicked "yes", you will be getting emails about events, internships, workshops, etc.

If you didn't register or clicked "no" and are now regretting it...worry not! You can register to the mailing list

[here](#) →

Join the Plasma/Fusion undergraduate/graduate opportunities mailing list

Join this list if you'd like to be contacted in the future about PPPL and US plasma/fusion events/internships/workshops/graduate application events, etc.? (you can unsubscribe to the mailing list anytime)

You can "unsubscribe" at any time and I promise not to sell you stuff

Thanks to the grads for the networking sessions!

Louise Ferris

Harry Fetsch

Molly Aslin

Rebecca Masline

Jessica Eskew

Dionysi Damaskopoulos

Jamie Xia

Kole Rakers

Grant Rutherford

Jarred Loughran

Nigel DaSilva

Leonardo Corsaro

Ryan Chaban

Vince Galvan

Zander Keith

Andrew Maris

Matt Tobin

Promise Adebayo-Ige

Marisa Petrusky

Kelly Garcia

Kyle Callahan

Daniel Burgess

Aqil Khairi

Richard Reksoatmodjo

Audrey Saltzman

André Nicolov

Ben Israeli

Jhovanna Garcia

Drew Ingram

Kunal Sanwalka

Jacob Matthew Molina

Jonathan Cremonesi

Allen Wang

Kush Maheshwari

Rory Conlin

Yhoshua Wug

Josh Larson

Maxwell Rosen

Silvia Trinczek

Jesse Griff-McMahon

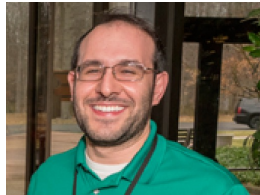
Brian Jensen

Thanks, again, to the folks that make this happen

From editing the videos, hosting the zooms, creating google forms, organizing the networking sessions, to all the little fires that you never saw, thank you to this crew:



Deedee
Ortiz



Harry
Tsamutalis Jr



Louise
Ferris

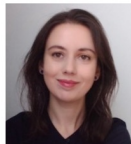


Britt
Albucker



Anthony
Pizzo

Finally, of course, thanks to all of the speakers!



Dr. Galina Avdeeva
General Atomics



Prof. Lane Carasik
Virginia Commonwealth U.



Dr. Luis Felipe Delgado Aparicio
PPPL



Dr. Cody Dennett
CFS



Prof. Jack Hare
MIT PSFC



Dr. Peter Heuer
Laboratory for Laser Energetics



Prof. Surabhi Jaiswal
Eastern Michigan U



Dr. Annie Kritcher
LLNL



Sachin Desai J.D.
Helion Energy



Dr. Vinicius Duarte
PPPL



Dr. Sara Ferry
MIT PSFC



Dr. Alexandros Gerakis
Luxembourg Institute of Science and Technology



Dr. Alberto Loarte
ITER



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PPPL



Dr. Auna Moser
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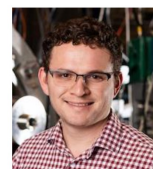
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