



# ALICE-USA Meeting Open Day



**Wright**  
**Laboratory**

Laura Havener  
ALICE-USA Meeting, New Haven, CT  
May, 31st, 2024





# Welcome to Wright Laboratory!



WiFi: Yale Guest or eduroam

Wright Lab is advancing the frontiers of fundamental physics through a broad research program in nuclear, particle, and astrophysics  
*Director: Karsten Heeger*

Rooms

★ WL 216 (you are here!)

★ WL 245

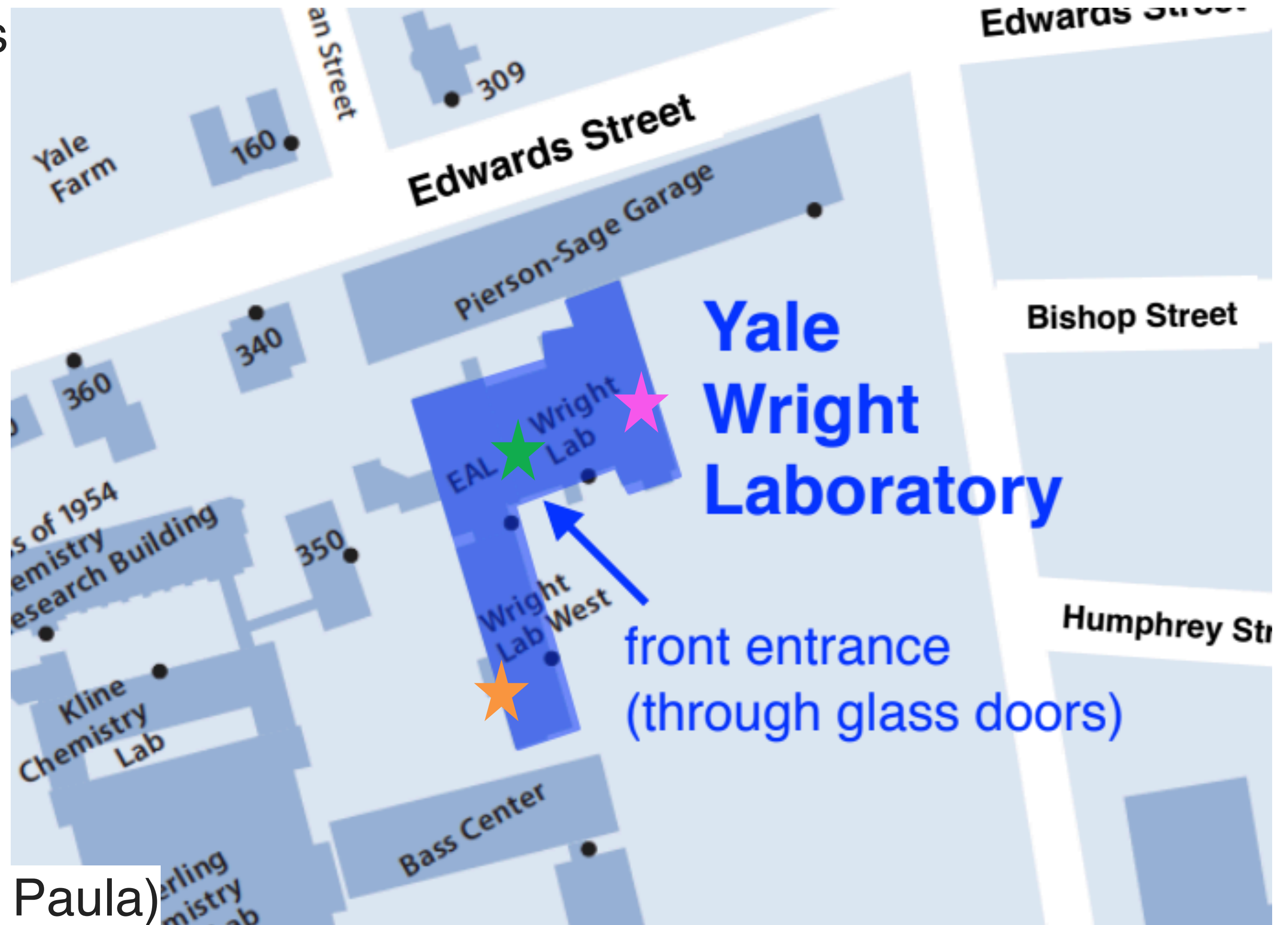
Restrooms:

Gender binary across the hall

★ All gender: follow signs to Wright Lab west

Nursing room in the main office (ask Paula)

Need a private space (ask Paula)

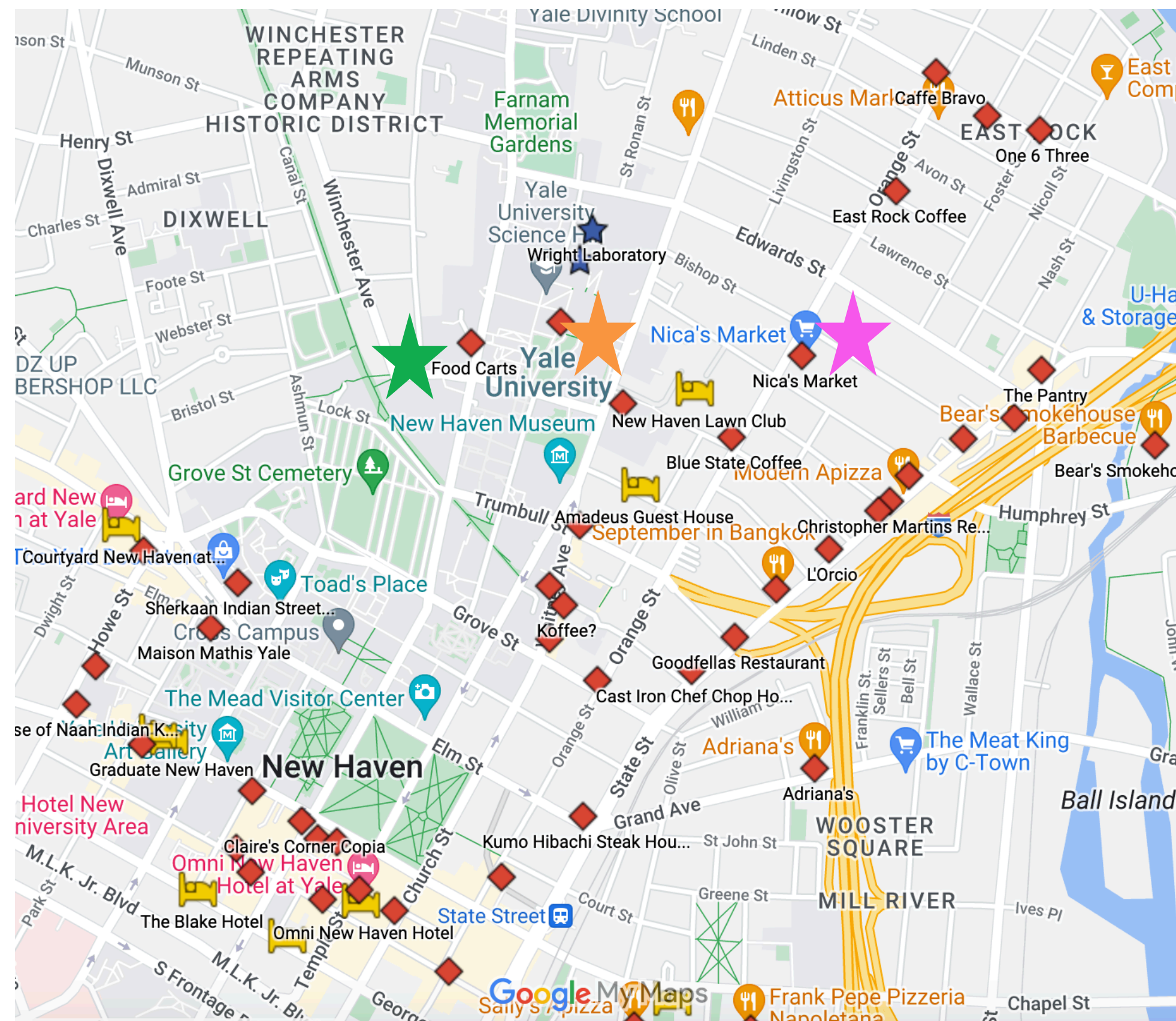


Photos?



# Lunch Plan

Science Hill at Yale University in East Rock neighborhood



Lunch plan: option to walk to pick up lunch and bring it back to Wright Lab (follow local group members)

- ★ Nica's: Italian sandwich shop and market
- ★ Local food trucks
- ★ Steep: on-campus cafe with sandwiches, salads, coffee

Map of Local Area



# Code of Conduct

We will observe the Code of Conduct for APS Meetings. It is the policy of the American Physical Society (APS) that **all participants**, including attendees, vendors, and all other stakeholders **will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, harassment, or retaliation. Participants will treat each other with respect and consideration to create a collegial, inclusive, and professional environment** at APS Meetings. Creating a supportive environment to enable scientific discourse at meetings is the responsibility of all participants.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic protected by law. **Disruptive or harassing behavior of any kind will not be tolerated.** Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, unwanted touching or attention, offensive images, photography without permission, and stalking.

*For questions or code of conduct violations, contact Helen Caines ([helen.caines@yale.edu](mailto:helen.caines@yale.edu)), John Harris ([john.harris@yale.edu](mailto:john.harris@yale.edu)), or Laura Havener ([laura.havener@yale.edu](mailto:laura.havener@yale.edu)).*



# ALICE-USA organization and meeting

**13 institutions and 117 ALICE members**

Council member chair: Daniel Tapia Takaki (Kansas)

Coordinator: Anthony Timmins (Houston)

## ALICE-USA Meeting at Yale

*Organizers: Anthony, Daniel, Helen Caines, John Harris, Laura Havener*

- Junior's Day
- Discussions about current and future ALICE-USA projects
- Topical talks by wonderful students and postdocs

*Joined by Kai Schweda (Deputy Spokesperson ALICE, GSI)*



<https://sites.google.com/lbl.gov/alice-usa>





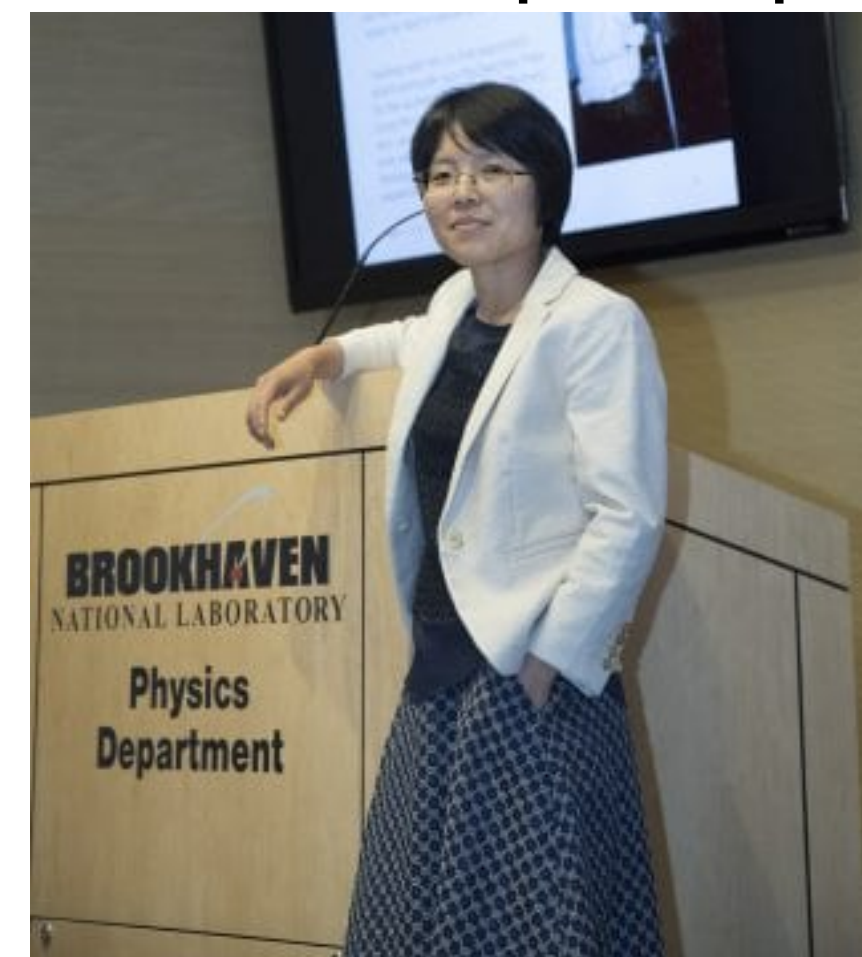
# ALICE-USA Open Day (morning session)

Time	Session	Speakers
9:00 AM	Welcome	Karsten Heeger (Yale)
9:15 AM	Future prospects for ALICE	Marco van Leeuwen (Nikhef)
9:45 AM	Extracting temperature with di-leptons and quarkonia	Lijuan Ruan (BNL)
10:30 AM	Coffee	
11:00 AM	Outlook for measurements of fluctuations and correlations	Jiangyong Jia (Stony Brook)
11:30 AM	Prospects for measurements in UPC collisions	Peter Steinberg (BNL)
12:10 PM	Lunch	

Marco van Leeuwen  
(Nikhef, Netherlands)  
ALICE Spokesperson



Lijuan Ruan  
(BNL, USA)  
STAR Co-spokesperson



Jiangyong Jia  
(Stony Brook, USA)  
ATLAS, STAR, ePIC



Peter Steinberg  
(BNL, USA)  
ATLAS, sPHENIX, ePIC





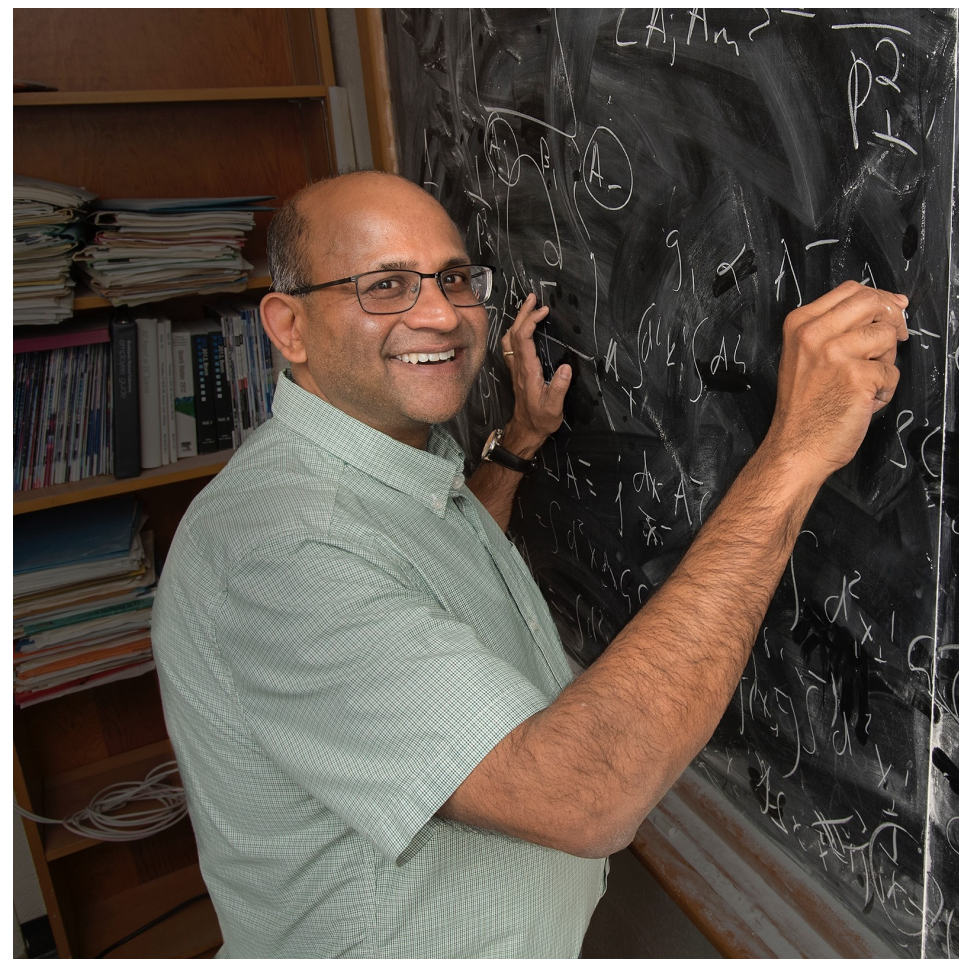
# ALICE-USA Open Day (afternoon session)

Time	Session	Speakers
12:10 PM	Lunch	
1:40 PM	Physics prospects from the FoCal detector upgrade	Constantin Loizides (ORNL)
2:10 PM	Theoretical perspective on EIC/HL physics synergies	Raju Venugopalan (BNL)
3:00 PM	Coffee	
3:30 PM	Prospects for jet measurements	Yen-Jie Lee (MIT)
4:00 PM	Theoretical outlook for jet substructure	Bianka Mecaj (Yale)

Constantin Loizides  
(ORNL, USA)  
FoCal, EMCAL Project Leader



Raju Venugopalan  
(BNL, USA) EIC theory  
institute director



Yen-Jie Lee  
(MIT, USA)  
CMS, sPHENIX



Bianka Mecaj  
(Yale, USA)  
Next up: LANL





# Thank you!

**Invited Speakers:** Marco, Lijuan, Constantin, Raju, Bianka, Peter, Yen-Jie, Jiangyong, Kai



Anthony Timmins



Daniel Tapia Takaki



John Harris



Helen Caines



**ALICE-USA members - in person and on zoom!**



# Thank you!

Thank you to WL staff for catering assistance, parking, running, clean up, water carrier, tables, coffee, swag etc .etc.!!



Paula

Jayden

Kimberly Jenn Sage

Victoria (A/V, photos, swag)

Raneisha (custodial)

Ed Foley (payment setup) Cindy (account setup)



Relativistic Heavy-Ion  
Group members

Fernando (A/V!), Prakhar (Sitar)

WL community!



Special thank you Paula Farnsworth!!!!





Picture at Coffee break please :)

