

Plan for This Morning

§ Welcome by Sanjay

§ Introduction Slides (everyone)

§ What to expect for this week?

- Social activities
- Discussion sessions
- Possible proceeding



Social activities (Optional)

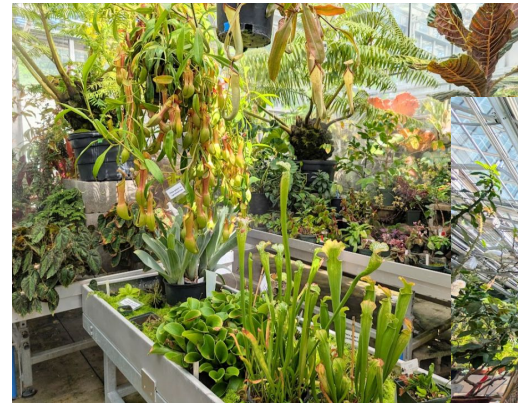
§ Monday Lunch

- 12:30PM Din Tai Fung at University Village (20 mins walk)



§ Tuesday Lunch

- 12PM Agua Verde Café (6 mins walk)



§ Wednesday

- UW greenhouse 1:20PM
- Possible lunch: bánh mì sandwich & tea/coffee from Saigon Deli

§ Suggestions are welcome!

Discussion Sessions

§ This week is for you!

"The goal of our program is to identify the outstanding problems and the progress to be made, to facilitate work toward advancing EIC theory, and **to forge new collaborations and alliances** that will tackle the challenges. We expect that the program will also serve to generate additional new ideas for further measurements at the EIC.

...carry EIC effort to a new generation of scientists!"

Discussion Sessions

§ This week is for you!

- Reach out to discussion lead to add 1-2 slides of your work on the related topic
- Reach out to Miguel and Huey-Wen for suggested topics



Day	Time	Topic	Discussion lead	presentator (20 mins talk + 10 mins Q/A)
Mon	10:00 AM	Week 4 Introduction slides (template provided)	Miguel Arratia, Huey-Wen Lin	Everyone (1-2 mins/person)
	3:00 PM	Discussions: AI/ML strategies for simulation data.	Prasanna Balachandran	Prasanna Balachandran
Tue	10:00 AM	Discussion: AI/ML for inverse problem	Brandon Kriesten	Alex NieMiera, Brandon Kriesten
	3:00 PM	Discussion: AI unfolding and unbinned data	Miguel Arratia	
Wed	10:00 AM	Discussion: AI/ML applications in EIC I	Tanja Horn, Felix Ringer	Tanja Horn, Felix Ringer
	3:00 PM	Open Discussion	Miguel Arratia, Huey-Wen Lin	
Thur	10:00 AM	Discussion: AI-assisted detector simulations and optimization	Miguel Arratia	Connor Pecar
	3:00 PM	Discussion: AI/ML applications in EIC II (jets, heavy flavor)	Ming Liu, Xuan Li	Ming Liu, Xuan Li
Fri	10:00 AM	Discussions - Generative AI	Yaohang Li, Yeonju Go	Yaohang Li, Yeonju Go
	3:00 PM	Open Discussion	Miguel Arratia	

Proceeding

§ Journal of Physics G: Nuclear and Particle Physics

- 10 pages/week
- Overleaf invitation link:
<https://www.overleaf.com/3619547942zjybqprmgygh#d8489e>
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