



CFNS Workshop High Luminosity EIC

Abhay Deshpande, Alexei Prokudin, **Ciprian Gal**, Martha Constantinou, Mei Bai, Pavel Nadolsky, Rosi Reed, Xiaochao Zheng



The EIC collider with 10^{35} instantaneous luminosity

Accelerator implications

- What are the limitations of the current EIC and how can they be overcome?

Physics opportunities

- What novel channels would be opened up with the factor 10 jump in luminosity?

Experimental challenges

- How can we ensure we can cleanly observe the signals that are of interest?

Workshop Logistics

- We would like to encourage everyone to respectfully and actively engage with the speakers throughout their talk
 - More of a workshop atmosphere than a lecture
 - Since most of us are on ZOOM please make use of the raise hand feature and the session chair will find an opportune time to draw attention to the speaker
 - Alternatively you can ask your question using the chat box and the chair can read it out to the speaker
- The session chairs will keep an eye on the time and make sure we don't digress too far away from the topic
- If the speaker wishes we can record the talk and make it available to them (or more widely)