

Detector R&D for an Electron Ion Collider

11th Advisory Committee Meeting
July 6-7, 2016

Argonne National Laboratory

Thomas Ullrich (BNL)
July 6, 2016



EIC - Status

- Nation Academy Review:
 - ▶ Charge is out
 - ▶ Committee being assembled
 - ▶ ~18 month review
 - ▶ Expect resolution Fall/Winter 2017
- EIC User Group
 - ▶ 633 members
 - ▶ 137 institutions
 - ▶ 27 countries
- DOE
 - ▶ \$7M program for accelerator R&D split between labs
 - ▶ No commitment for detector R&D despite LRP recommendation

More in the EIC User Group Meeting starting after the R&D meeting

FY2017 Funding Period

- Record participation
 - ▶ 17 proposals
 - ▶ 8 new proposals
 - ▶ eRD12 successfully completed
- More international participation
- EIC Detector R&D Funding flat (i.e. flat-flat)
- Projects have to expect significant cuts
 - ▶ need to find strategy to delay lower priority items and focus on key challenges
 - ▶ focus on R&D not PED (conceding that line between is often soft)
- Would help if participants emphasize the importance of this program when talking to DOE (reviews, reports, ...)

EIC R&D Advisory Committee

Standing Advisory Committee:

Marcel Demarteau* (Argonne)

Carl Haber (LBNL)

Peter Krizan (Ljubljana)

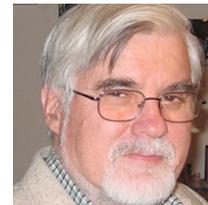
Ian Shipsey (Purdue)

Rick Van Berg (UPenn)

Jerry Va'vra (SLAC)

Glenn Young (JLab)

*chair



Please use coffee breaks and Thursday's dinner for informal discussion with committee members

Dinner will be at the Argonne Guest House for the committee and for the speakers (5:30-8:30) with more opportunities for discussions.

This Meeting

- Agenda is very tight and committee has less time for deliberations as normally
- Speakers, please stay in your allotted time!
- Close-out tomorrow at 13:00
 - ▶ Lehman style given the limited time committee has for writing things up
 - ▶ More detailed report will follow later

R&D Projects: Day-to-Day Business

- R&D funds are not grants but are handled via contracts (with BNL)
- Contact person for all contract issues is Liz Mogavero (mogavero@bnl.gov)
- Travel is still an issue
 - ▶ Any travel (national and international) has to be approved by BNL
 - ▶ If not approved travel cannot not be reimbursed
 - ▶ Talk to Liz early about travel
- If there are any delays and you are not sure why talk to me or Liz

Many Thanks ...

- **Marcel Demarteau** for hosting this meeting
- **Samantha Tezak** for dealing with registration, rooms, video and the many things that are involved
- **Rik Yoshida** and **Alexander Kiselev** for agreeing to give introductory talks on detector requirements and R&D needs
- The **EIC R&D Committee** for their enthusiasm and hard work to make the program work
- To all the proponents for the interest and engagement in the projects