

Biweekly meeting, April 15, 2021

- **Welcome**

Second biweekly meeting

It is great to see this undertaking come together!

- **News**



*Barbara Jacak
UC Berkeley & LBNL
April 15, 2021*



Bi-weekly EIC@IP6 meeting

📅 Thursday 15 Apr 2021, 08:00 → 11:00 US/Pacific

Description ZOOM link: Click [here!](#)

Meeting ID: 982 8088 6660

Passcode: eic@ip6

08:00 → 08:20 **Welcome / News**

🕒 20m 

- Status of the Institutional Board
- Feedback from the April 8 monthly meeting
- WG convener election process

Speaker: Barbara Jacak (UC Berkeley and LBNL)

08:20 → 08:30 **Charter Committee formation and charter writing timelines**

🕒 10m

Speaker: Olga Evdokimov (UIC)

08:30 → 09:00 **Software WG proposal**

🕒 30m

Speakers: Andrea Bressan, Dmitry Romanov (Jefferson lab) , Sylvester Joosten (Argonne National Laboratory) , Whitney Armstrong (Argonne National Laboratory)

09:00 → 10:00 **A discussion on PID for the EIC@IP6 detector**

🕒 1h

Speaker: Silvia Dalla Torre (INFN, Trieste)

10:00 → 10:20 **AOB**

🕒 20m

Status of the IB

https://tuprd-my.sharepoint.com/:x:/g/personal/tue59914_temple_edu/EVOiv0e-RY1MpLIWn6A7fwoBroCnSiyJE_PdwwHdF0fKuA?e=UJZgru

- Please follow the above link to the spreadsheet
 - Find your institution (alphabetical list)
- fill in names, contact information & group's interests

| # | Institutions | Country | Contact Name IB | Email |
|----|---|----------------|-----------------------|--|
| 1 | AGH University of Science and Technology, Krakow | Poland | Mariusz Przybycien | mariusz.przybycien@agh.edu.pl |
| 2 | Akal University | India | Ramandeep Kumar | kumardeepraman@gmail.com |
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| 11 | CUA | USA | Tanja Horn | hornt@cua.edu |
| 12 | A. Alikhanyan National Science Laboratory (Yerevan Physics Institute) | Armenia | Ani Aprahamian | aapraham@nd.edu |
| 13 | Czech Technical University in Prague | Czech Republic | Jaroslav Bielcik | jaroslav.bielcik@fffi.cvut.cz |
| 14 | DA V College, Chandigarh | India | Monika Bansal | 83.monu@gmail.com |
| 15 | Daresbury Laboratory | United Kingdom | Roy Lemmon | roy.lemmon@stfc.ac.uk |
| 16 | Duke University | USA | Anselm Vossen | anselm.vossen@duke.edu |

| Physics Interests | Magnet | RECAL | RHCAL | BECAL | BHCAL | FECAL | FHCAL | RPID | BPID | FPID |
|---|--------|-------|-------|-------|-------|-------|-------|------|------|------|
| Exclusive reactions, photoproduction, SIDIS, nPDF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Proton Mass, 3D-Imaging (GPDs/TMDs-nucleon/nuclei) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Inclusive, SIDIS, Exclusive, Jets, Heavy Flavor, Tagging | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heavy Flavor, photoproduction | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jets and Heavy Flavor | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Structure of nucleon and nuclei | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spin, Origin of hadron mass (meson structure functions, exclusive reaction) | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| SIDIS | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMDs, FFs in SIDIS and Jet production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| MPGD | RTagger | FTagger | EPOL | HPOL | DAQ/Readout | Hardware Interests |
|------|---------|---------|------|------|-------------|---|
| 0 | 1 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 1 | 0 | 0 | Main: BECAL, also: MCP-PMT & LGAD (PID), Superconducting nanowires (EPOL) |
| 0 | 0 | 0 | 0 | 0 | 1 | |
| 0 | 0 | 0 | 0 | 0 | 0 | TBD |
| 0 | 0 | 0 | 0 | 0 | 0 | MAPS based Si tracking and vertex detectors |
| 0 | 0 | 0 | 0 | 0 | 0 | MAPS based silicon tracking/vertex detectors |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | EM calorimeters (EEEmCal), DIRC |
| 0 | 0 | 0 | 0 | 0 | 0 | EM calorimeters (EEEmCal) |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 0 | 0 | 0 | 0 | 0 | |

Regular meetings

- **Every other Thursday at this time**
Initially organized by EIC@IP6 organizing committee
Will be taken over by elected collaboration leadership
- **Monthly Thursday evening (EDT) to provide better opportunity for Asian collaborators**
Vision: NOT a simple repeat of biweekly meeting, but another opportunity to make progress together
Last week was a bit repetitive, but open discussion was different of course
≈ 30 participants
Your suggestions to make these optimally useful?
- ***Next monthly meeting: May 6, 2021 8pm EDT***

Working group conveners

- **93 nominations were made. Thank you!**
- **Next steps in the process:**
 - Contact nominees to determine willingness & availability**
 - Ask IB for input/ranking**
 - Put together a slate of conveners who can coordinate the work of others, are complementary between them, represent various technical expertise, help engage groups to contribute to specific efforts, come from diverse geographical locations**
 - IB concurrence with final proposal**
- **Issues and Concerns**
 - It would be difficult for someone to carry out convener duties for EIC@IP6 while simultaneously working in another collaboration.**
 - The next 7.5 months will be extremely intense and some difficult decisions will need to be made. This could be a challenge for an inexperienced convener.**