



News & Updates

EIC@IP6 Bi-Weekly Meeting

Bernd Surrow



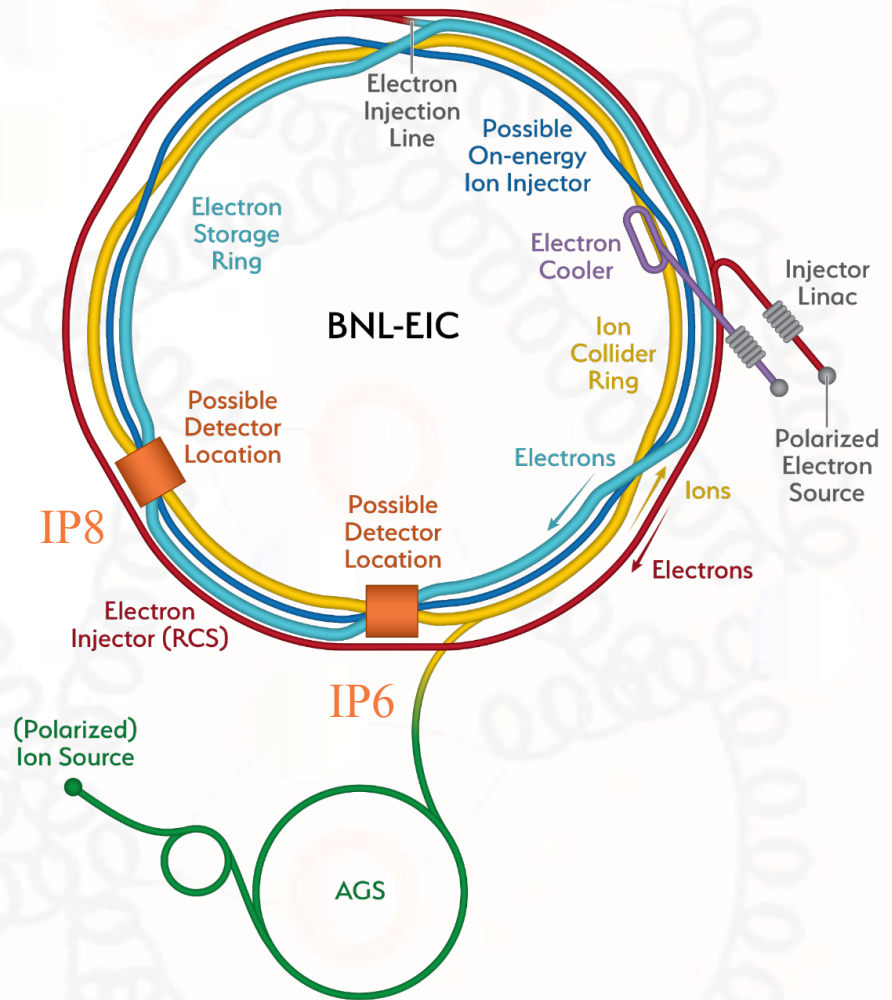
On behalf of the EIC@IP6 Organizing Committee

Silvia Dalla Torre, Abhay Deshpande, Olga Evdokimov, Yulia Furletova,
Barbara Jacak, Alexander Kiselev, Franck Sabatié, and Bernd Surrow



Outline

- Overview of agenda
- WG convener selection Process / Results
- Regular meetings
- WWW-page
- Mailing lists / Slack channel
- Summary





Overview of Agenda

Bi-weekly meeting

 Thursday Apr 29, 2021, 11:00 AM → 2:00 PM US/Eastern

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

Meeting ID: 982 8088 6660

Passcode: eic@ip6

11:00 AM → 11:20 AM **News**

🕒 20m



- Work Group Convener elections: process recap and outcome

Speaker: Bernd Surrow (Temple University)

11:20 AM → 11:30 AM **Call for the Collaboration name**

🕒 10m

Speaker: Yulia Furletova (Jefferson Lab)

11:30 AM → 12:00 PM **New 3T solenoid magnet design**

🕒 30m

Speaker: Valerio Calvelli (CEA Saclay)

12:00 PM → 1:00 PM **Discussion on the EIC@IP6 tracking**

🕒 1h

1:00 PM → 1:20 PM **AOB**

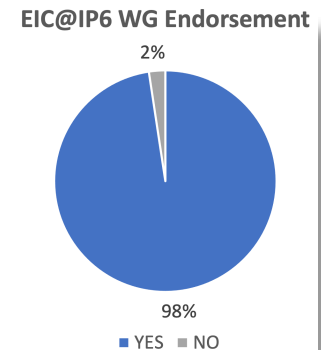
🕒 20m



WG convener selection - Results

□ Reminder of process:

- Solicit nominations for WG conveners from EIC@IP6 community using GOOGLE form.
- Contacted all WG convener nominees for their availability to serve as EIC@IP6 convener incl. a statement about their full commitment considering that a convenership is a major effort until the end of this year requiring full dedication and focus.
- Prepared a list of candidates for each WG and requested input from IB
- Guided by the IB input, a slate of WG conveners was prepared taking into consideration their expertise, geography, institution, etc.
- Requested endorsement from IB for slate of WG conveners
- There might be the need for new WG's moving forward such as Readout/DAQ, Magnet.



□ Result - Positive endorsement fraction: 98%!

- We would like to express our sincere thanks to all of you who participated in this process: Colleagues who agreed to potentially serve as conveners and the IB to provide invaluable input and guidance on a very short time scale. Thank you!



WG convener selection - Results

□ Physics Validation WG Conveners:

- Inclusive: Paul Newman, Barak Schmookler, Qinghua Xu
- Semi-inclusive: Marco Radici, Anselm Vossen
- Jets/HF/EW-BSM: Miguel Arratia, Brian Page, Stephen Sekula, Ernst Sichtermann
- Exclusive: Salvatore Fazio, Spencer Klein, Daria Sokhan

□ Subsystem WG Conveners:

- Tracking: Francesco Bossu, Domenico Elia, Laura Gonella, Matt Posik
- PID: Frank Geurts, Tom Hemmick, Roberto Preghenella
- Calorimetry: Vladimir Berdnikov, Paul Reimer, Oleg Tsai
- Far Forward: John Arrington, Alexander Jentsch
- Backward: Jaroslaw Adam, Krzysztof Piotrkowski
- Polarimetry*: Oleg Eyser*, Ciprian Gal (*we propose Polarimetry as a joint group across EIC detectors)

Thank
you!

The Organizing Committee will call for a meeting with all WG conveners shortly presenting a charge and a proposed plan for coordination incl. costing, writing committee and integration!



Regular meetings

□ Regular general EIC@IP6 meetings

○ **Bi-weekly meetings:** 11:00AM (EDT) - 02:00PM (EDT) for May 13 and May 27

○ **Monthly meetings:** 08:00 PM (EDT) - 11:00 PM (EDT) for May 6 and June 3

○ **Permanent ZOOM links:**

Thursday - US/EU - 11:00AM (EDT) - 02:00PM (EDT) / Bi-weekly

<https://temple.zoom.us/j/98280886660?pwd=Mk9hMIU1TUdITysvYkVlNTRjbUVVQT09>

Password: eic@ip6

Thursday - US/Asia - 08:00PM (EDT) - 11:00PM (EDT) / Monthly

<https://temple.zoom.us/j/96313723031?pwd=UEpuSHVWQ3N3aVpvZlIGajMvSVF0Zz09>

Password: eic@ip6

□ The **Organizing Committee is sharing the responsibility** of organizing weekly organizing meetings, bi-weekly meeting etc. on a rotating basis!




WWW-page

- EIC@IP6 WWW-page: <https://sites.temple.edu/eicatip6/>

A new EIC experiment at IP6 at BNL

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Welcome

Following the [site selection for construction of the U.S. Electron-Ion Collider research facility by the U.S. Department of Energy \(DOE\) in early 2020](#), the EIC Users Group led a year-long Yellow Report initiative to define the detector design criteria needed to realize the EIC physics described in the EIC White Paper, supported by the National Academy of Sciences. Using the Yellow Report as input, a Reference Detector concept was presented at the recently held DOE Critical Decision-1 review of the EIC.

A [Call for EIC Detector Proposals](#) has been issued by DOE & BNL/JLab on March 6, 2021, with an expected proposal submission deadline on December 1st, 2021. The EICUG community's strong preference for two detectors has led to multiple exciting detector initiatives. We invite all interested groups and consortia to come together to plan for a detector inspired by the Yellow Report detector concept based on a new central detector magnet up to 3T. We are actively planning to evolve this effort into a concrete detector proposal and start the process of forming a new collaboration for IP6. Please contact us if you wish to join us!

Image design: Thank you
Joanna Griffin and Shannon
West!

Image design by Joanna Griffin and Shannon West of Jefferson Lab



Mailing Lists / Slack Channel

- Mailing lists: <https://lists.bnl.gov/mailman/listinfo/>

Detector Mailing Lists

Eic-ip6-charter-l	EIC@IP6 Collaboration Charter Committee
Eic-ip6-det-back-l	EIC@IP6 Collaboration Lumi Monitor and Low Q ² Tagger Working Group
Eic-ip6-det-cal-l	EIC@IP6 Collaboration Calorimetry Working Group
Eic-ip6-det-daq-l	EIC@IP6 Collaboration Trigger and DAQ Working Group
Eic-ip6-det-fwd-l	EIC@IP6 Collaboration Far Forward Detectors Working Group
Eic-ip6-det-l	EIC@IP6 Collaboration generic detector-related discussions
Eic-ip6-det-mag-l	EIC@IP6 Collaboration Integration / Magnet Working Group
Eic-ip6-det-pid-l	EIC@IP6 Collaboration PID Working Group
Eic-ip6-det-pol-l	EIC@IP6 Collaboration Polarimetry Working Group
Eic-ip6-det-trk-l	EIC@IP6 Collaboration Tracking Working Group
Eic-ip6-ib-l	EIC@IP6 Collaboration Institutional Board
Eic-ip6-org-l	EIC@IP6 Collaboration steering group
Eic-ip6-phys-excl-l	EIC@IP6 Collaboration Exclusive Reactions, Diffraction and Tagging Working Group
Eic-ip6-phys-incl-l	EIC@IP6 Collaboration Inclusive Reactions Working Group
Eic-ip6-phys-jet-hq-l	EIC@IP6 Collaboration Jets, Heavy Flavor, EW & BSM Working Group
Eic-ip6-phys-l	EIC@IP6 Collaboration generic physics discussions
Eic-ip6-phys-semi-l	EIC@IP6 Collaboration Semi-inclusive Physics Working Group
Eic-ip6-public-l	EIC@IP6 Collaboration public mailing list
Eic-ip6-software-l	EIC@IP6 Collaboration Software Group

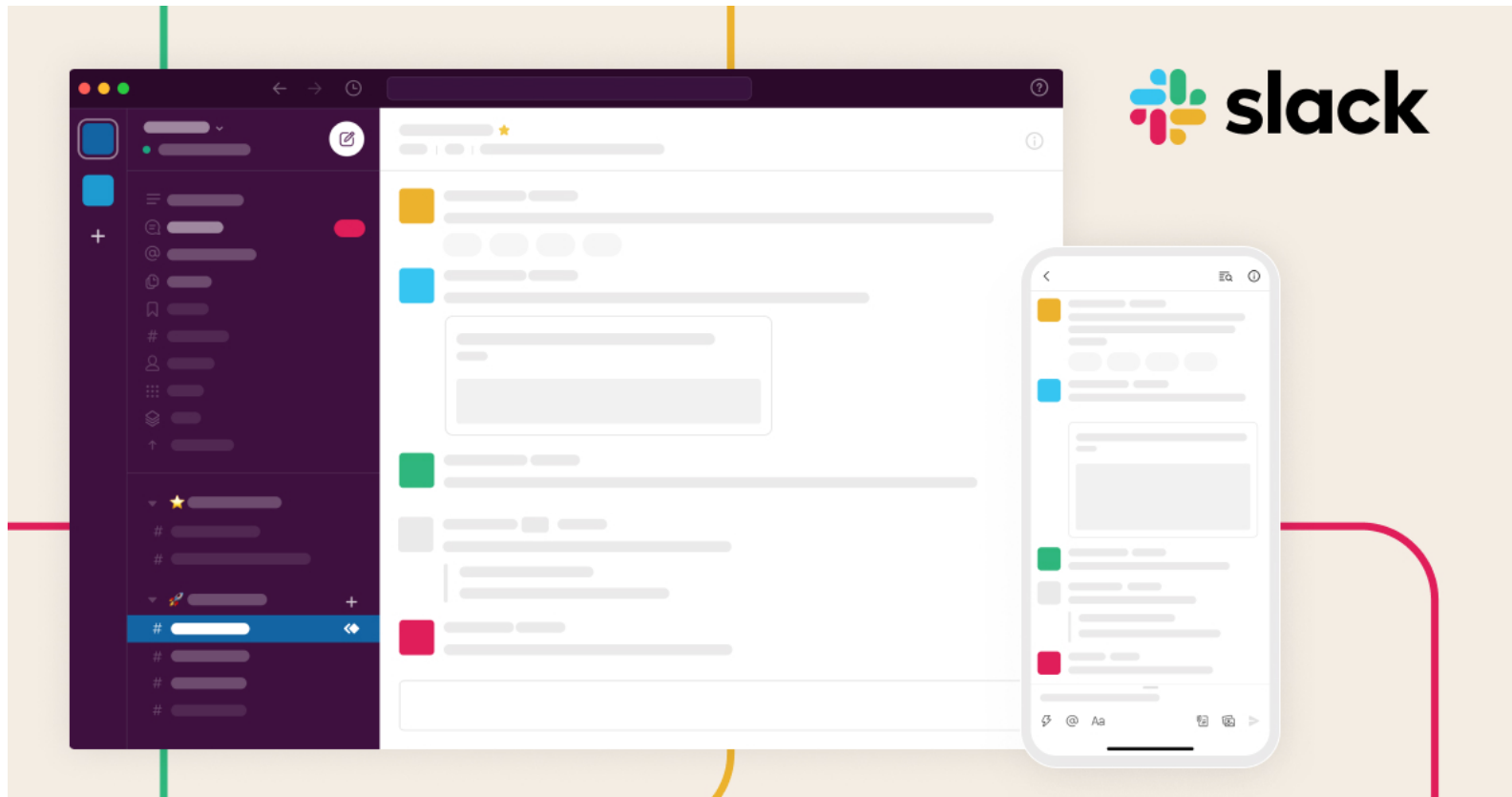
Physics Mailing Lists



Mailing Lists / Slack Channel

- Join EIC@IP6 on Slack:

https://join.slack.com/t/eicip6/shared_invite/zt-nsocbr8y~lrhqi8We6FjV1CnmVVTQ





Summary

- We thank you for participating on a short time scale in providing invaluable input for the convener selection process!
- The Organizing Committee will call for a meeting with all WG conveners shortly presenting a charge and a proposed plan for coordination incl. costing, writing committee and integration!
- We strongly value the input and support from anybody from the EIC community - Participation on EIC@IP6 in general is open to anybody!
- The Charter Writing Committee met several times and work is in full swing!

Thank you!