



News & Updates

EIC@IP6 Bi-Weekly Meeting

Bernd Surrow



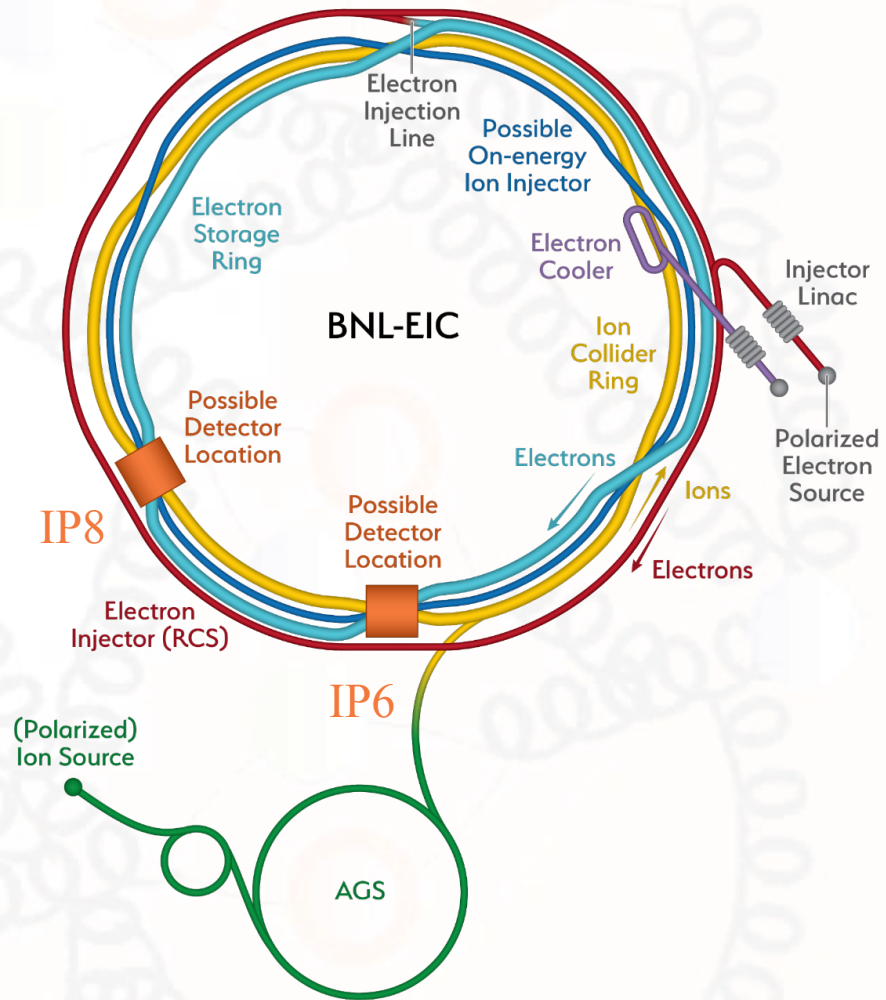
On behalf of the EIC@IP6 Organizing Committee

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



Outline

- Overview of agenda
- Summary of WG convener meeting / Charge
- Summary of monthly meeting with EIC project team
- Proposal committee formation
- WWW-page
- Mailing lists / Slack channel
- Summary





Overview of Agenda

Bi-weekly EIC@IP6 meeting

📅 Thursday May 13, 2021, 11:00 AM → 2:10 PM US/Eastern

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

Meeting ID: 982 8088 6660

Passcode: eic@ip6

11:00 AM → 11:20 AM **Updates and News**

Speaker: Bernd Surrow (Temple University)

🕒 20m 

11:20 AM → 11:40 AM **Charter Update**

Speaker: Thomas Ullrich (BNL)

🕒 20m

11:40 AM → 12:00 PM **Collaboration name**

Speaker: Yulia Furletova (Jefferson Lab)

🕒 20m

12:00 PM → 12:30 PM **Software Update**

Speaker: Sylvester Joosten (Argonne National Laboratory)

🕒 30m

12:30 PM → 2:00 PM **Calorimeter session/discussions**

Speaker: Oleg Tsai (ucla)

🕒 1h 30m



Summary of WG convener meeting

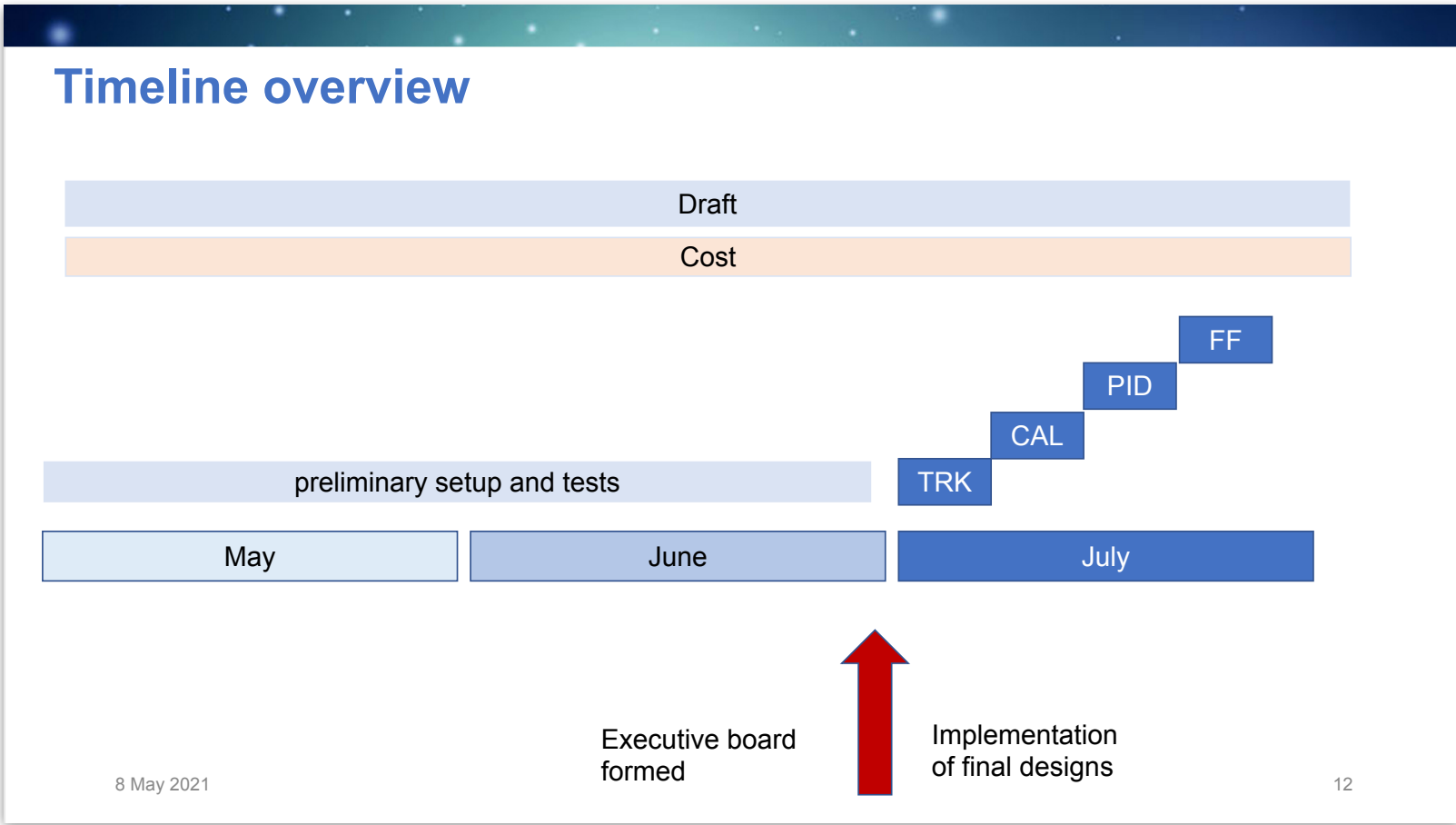
- First WG convener meeting: Tuesday, May 11, 11:00AM (EDT)
 - **Presentation of charge** for both detector, physics validation, and software WG's presented by Silvia Dalla-Torre - Slides will be circulated!
 - **Discussion concerning software simulation status** → See today's presentation by S. Joosten!

- Highlights of charge elements:
 - **Detector WG's**: Technology choices / Estimate of services, support + active materials / Implementation into global experimental model / Simulation of subsystem performance in the global experiment / Costing of each subsystem
 - **Physics Validation WG's**: Identify key observables described in YR / 2-3 plots which will illustrate the ability of EIC@IP6 to address NAS report and YR / Additional physics performance plots that would give a competitive advantage for the proposal?
 - **Software WG**: Full detector assembly / Assist detector and physics WG's to perform simulation and detector integration / Complete and improve reconstruction software



Summary of WG convener meeting

□ Timeline

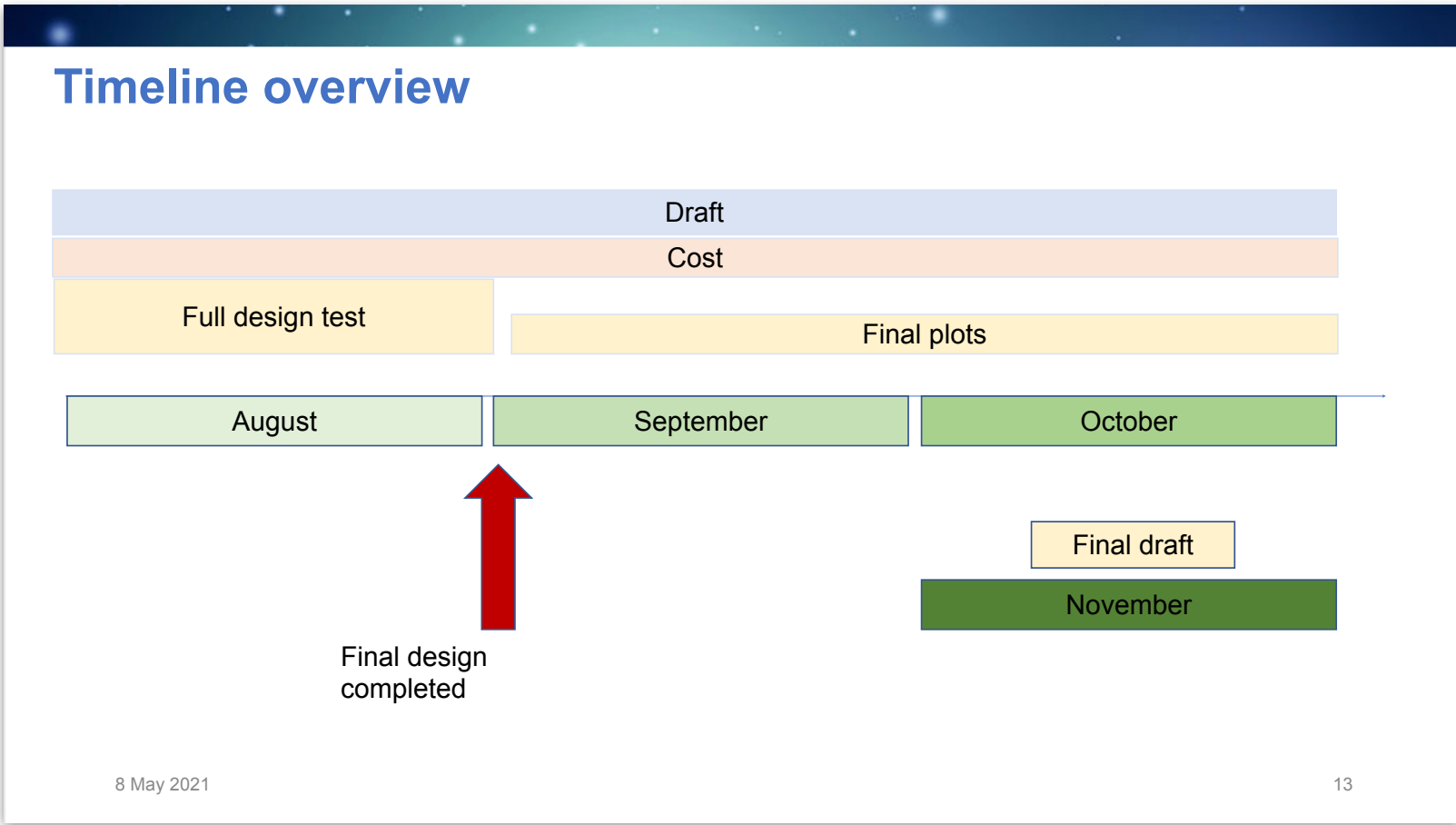


Silvia Dalla Torre and Yulia Furletova



Summary of WG convener meeting

□ Timeline



8 May 2021

13

Silvia Dalla Torre and Yulia Furletova



Summary of meeting with EIC project team

- Last meeting: Thursday, May 6, 10:00AM (EDT) / Regular meetings on first Thursday of month - Next: Thursday, June 3, 10:00AM (EDT)

- Agenda:

Meeting: May 6, 2021

Agenda topics:

- Brief update of ongoing SC activities: EICUG SC
- Brief overview of proposal effort activities: CORE / ECCE / EIC@IP6
- EIC Project Status Update: EIC Project Team
- EIC Costing / Costing Templates: EIC Project Team
- Draft Charge: EIC Project Team
- AOB: ALL
- Next meeting: Thursday, June 3, 2021, 10:00AM (EDT)

- Costing: **Costing templates (Excel file)** were shared together with sample quotes - Basis for overall costing for both labor (Labor hours) and material
- Integration model: **Shared integration model** implementation in SketchupPro - Dedicated meeting on Monday, May 17, 08:00AM (EDT) - 2h



Proposal committee formation

- Goal: Committee is tasked with coordinating three core proposal elements of the EIC@IP6 proposal effort concerning **costing**, **integration/global design**, and **editing**.



- The **proposal committee** provides the **needed connection between WG's**.
- Please let us know if you would like to take part in this coordinating effort!
- The EIC@IP6 committee will present further details on this committee along with a detailed charge shortly!



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

Home Institutions Community Links News and Events Contact

A new EIC experiment at IP6 at BNL

EIC@IP6

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 by Joanna Griffin and Shannon West of Jefferson Lab

Image design: Thank you
Joanna Griffin and Shannon
West!

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

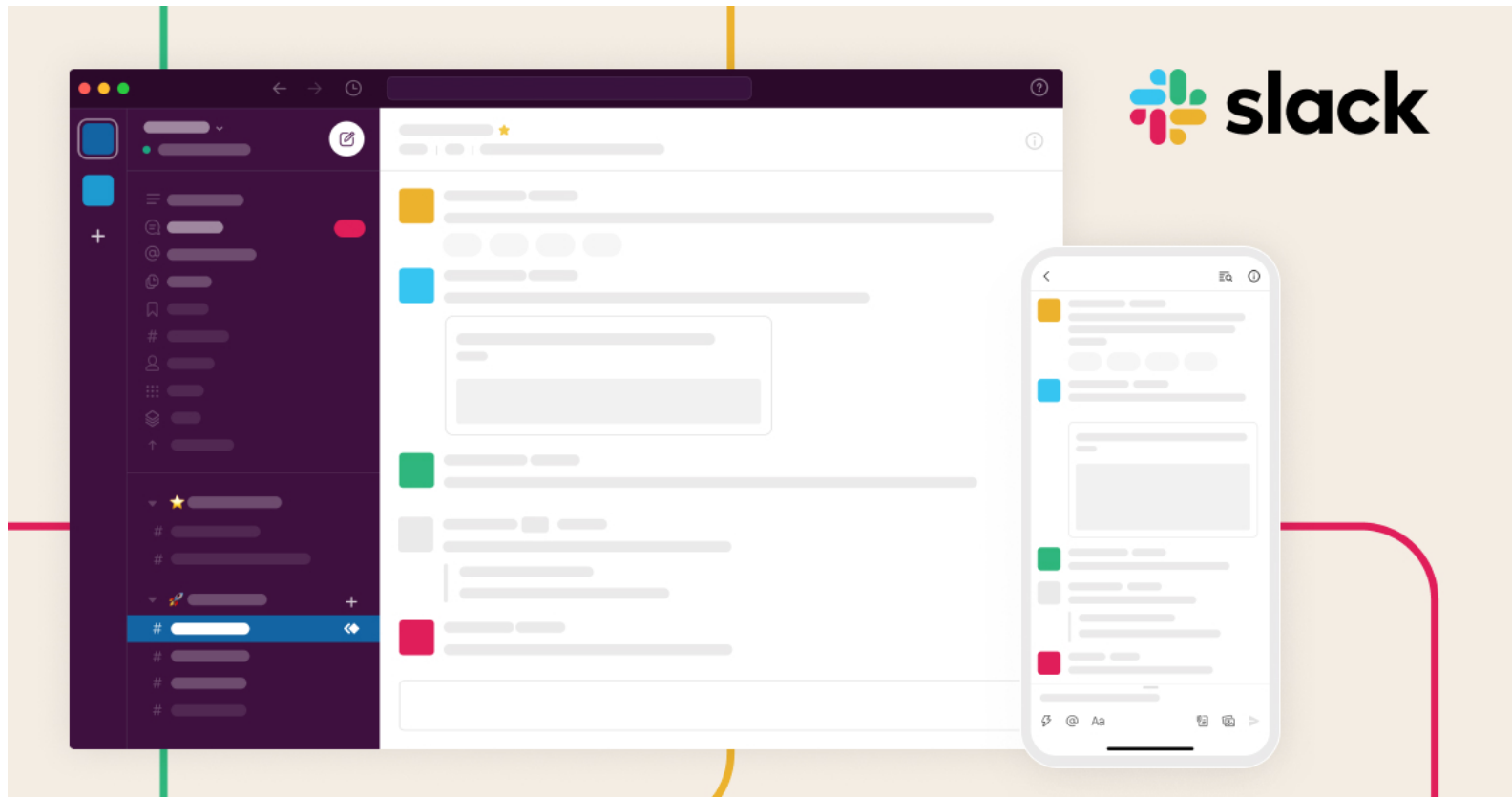
Physics Mailing Lists



Mailing Lists / Slack Channel

- Join EIC@IP6 on Slack:

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





Summary

- Meeting with all WG conveners Tuesday, 05/11/2021

presenting a *charge*

- Regular meetings with EIC project team started focusing on

costing and integration model

- Proposal committee formation in progress focusing on

costing / integration & global design / editing

- Please let us know if you have any comments or suggestions!

Thank you!