



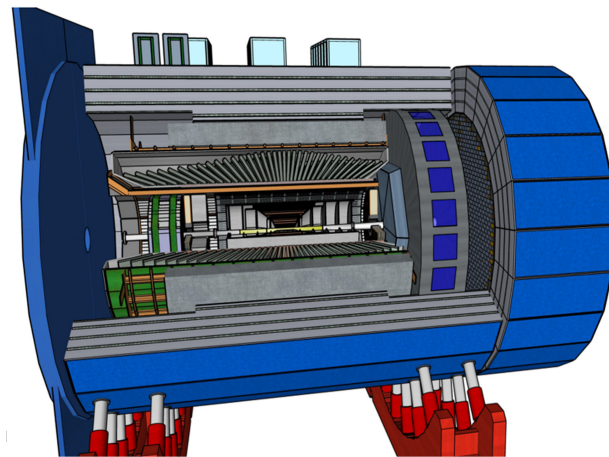
Updates electron-Proton/Ion Collider - e(E)PIC experiment at IP6 at EIC

Bernd Surrow



On behalf of the e(E)PIC Steering Committee (SC)

Silvia Dalla Torre, Or Hen, Tanja Horn, John Lajoie, and Bernd Surrow

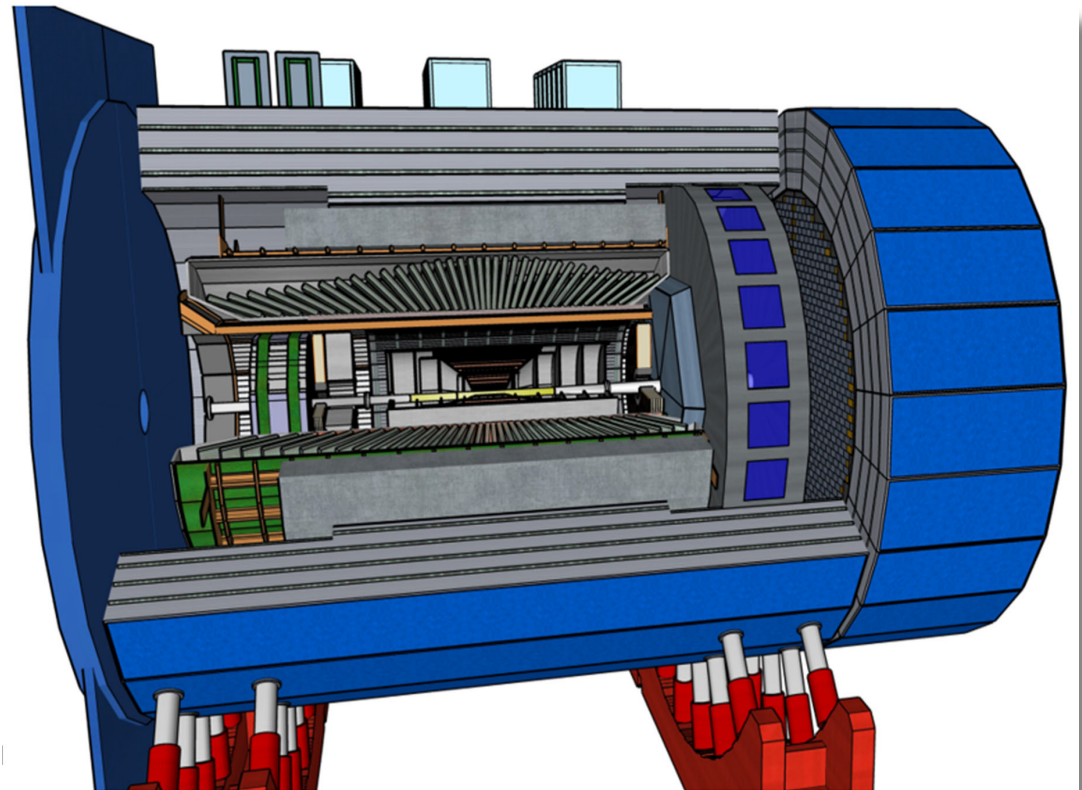


DOE NP contract: DE-SC0013405

Bernd Surrow

Outline

- Agenda
- Charter Ratification!
- Reminder: Timescale / Review Process
- GD/I Technology Reviews
- January 2023 Collaboration Meeting
- Upcoming Conferences
- Summary





Agenda

Overview

EPIC General Meeting



Tuesday Dec 20, 2022, 10:30 AM → 12:45 PM US/Eastern

Description **Connection Information:** [ZOOM LINK](https://temple.zoom.us/j/94453659454)
(<https://temple.zoom.us/j/94453659454>)

10:30 AM → 12:45 PM General Status and Updates



Conveners: Bernd Sorrow (Temple University), John Lajoie (Iowa State University), Or Hen (MIT), Silvia Dalla Torre (INFN, Trieste), Tanja Horn (Cath)

10:30 AM

SC Updates and Plans (15+5)

🕒 25m



Speaker: Bernd Sorrow (Temple University)

10:55 AM

Charter Voting Results and Next Steps (15+5)

🕒 25m



Speaker: Senta Greene (Vanderbilt University)

11:20 AM

Holiday / New Year Wishes 2023

🕒 10m



Speaker: Bernd Sorrow (Temple University)



Charter Ratification!

- We have a charter for e(E)PIC: Click [here](#)!
- “This charter is intended to be a **living document** with changes made by a super-majority vote of the Collaboration Council as needed.”
- We would like to express our sincere gratitude to Frank and Vicki for steering the process!
- Thank you to the charter writing committee: Pietro Antonioli, Olga Evdokimov (co-chair), Douglas Higinbotham (co-chair), Barbara Jacak, Zein-Eddine Meziani, Rosi Reed, Ralf Seidl and Peter Steinberg with guidance from Vicki Greene and Frank Sabatie and input from the collaboration.
- Thank you to all of you who participated in the charter adoption process!
- With this charter, we can now **move forward with the nomination and election** of a **leadership team**: See the presentation by Vicki!



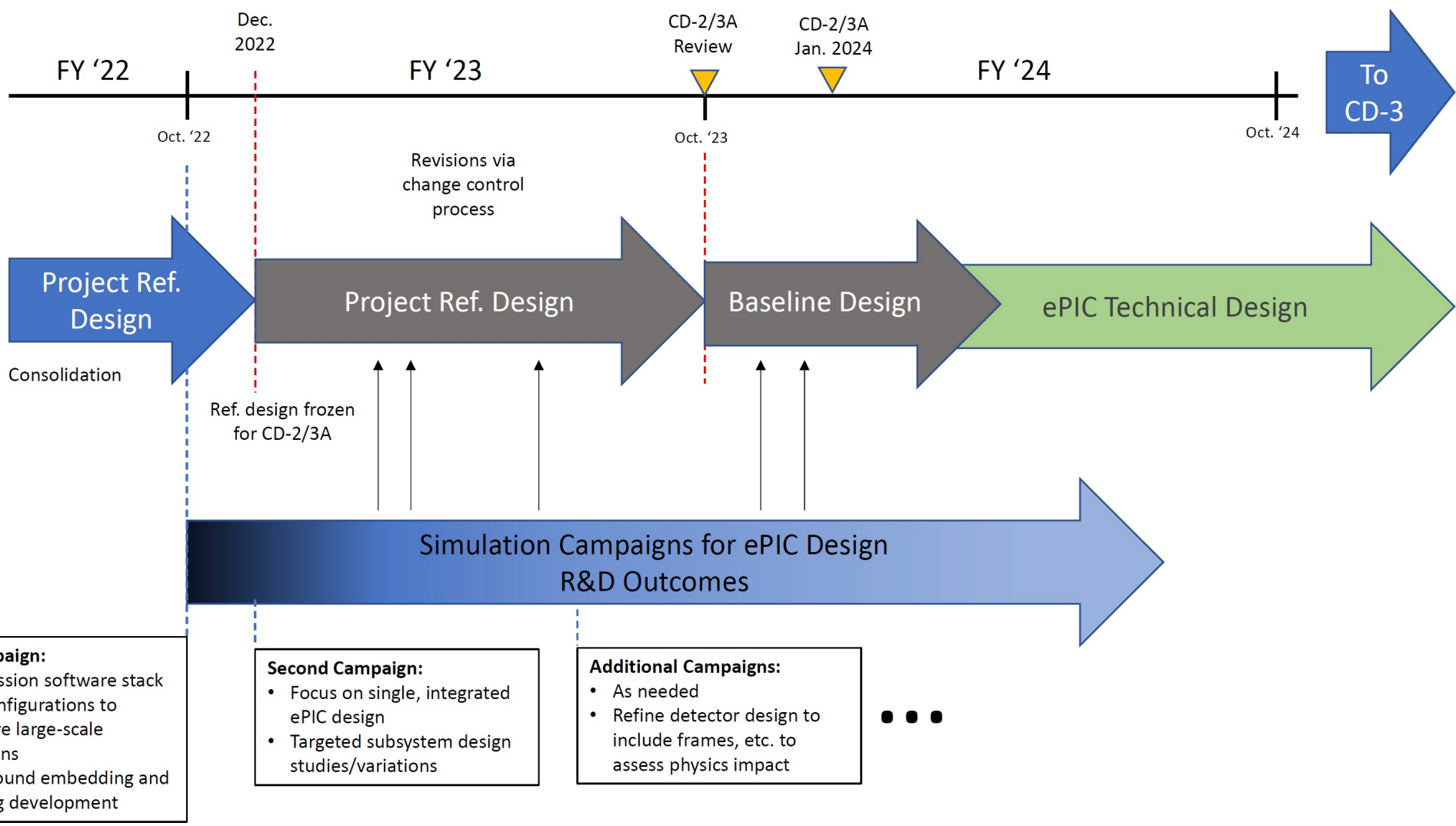
Charter Ratification - Next Steps

Presentation by V. Greene:

"Charter Voting Results and Next Steps"



Reminder: Timescale / Review Process



First Campaign:

- Commission software stack
- Two configurations to compare large-scale variations
- Background embedding and tracking development

Second Campaign:

- Focus on single, integrated ePIC design
- Targeted subsystem design studies/variations

Additional Campaigns:

- As needed
- Refine detector design to include frames, etc. to assess physics impact

• • •



GD/I Technology Reviews

- Ongoing effort within GD/I, in consultation with SC, to develop charge and external reviewers for barrel EMCal, backward RICH reviews

- EMCal Review discussion (Dec. 5th): <https://indico.bnl.gov/event/17881/>
 - Expect a review in February-March 2023

 - SC contacting external reviewers


- Backward RICH review
 - Follow the same procedure as for EMCal

 - Charge development underway

 - Expect a review in March 2023

January 2023 Collaboration Meeting

- Date: January 9-11, 2023
- Location: JLab
- Draft Agenda: [Click here!](#)
- Registration: [Click here!](#)
- Accommodation: [Click here!](#)



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[ePIC Collaboration](#)



CONFERENCE LINKS

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[Zoom Link](#)
[Indico Link](#)
[Participants](#)

ADDITIONAL INFO

[Community Standards](#)
[Directions](#)
[Local Dining & Entertainment](#)

ePIC Collaboration

Conference Date
January 09, 2023 to January 11, 2023

Conference Location
Jefferson Lab

The second meeting of the ePIC Collaboration will take place January 9-11th at the Thomas Jefferson National Accelerator Facility. The meeting will be held in a hybrid format to allow all members of the international collaboration to take part. The meeting is open to both current members of the ePIC collaboration as well as all interested parties.

This second meeting of the ePIC Collaboration comes at a time of major progress in the development of the technical design of the ePIC detector, the first major simulation campaign and deployment of the unified software stack, and the formation of the collaboration through a Collaboration Charter.

The agenda consists of plenary sessions held over two and a half days covering the status of the collaboration, a report from the EIC project, and status reports from the Detector and Physics Working Group members. There will be a meeting of the Collaboration Council on the first afternoon, and an opportunity to tour the laboratory facilities on the last day. The meeting will focus on planning to address the challenges in the coming year and the milestones that need to be met for the CD-2/3A review in late 2023.

In order to be at JLab, all international persons coming from outside the US to JLab will need an invitation letter.

Contact your department/division travel coordinator for further information, and to arrange for this letter.

If you have any questions please reach out to Sadie Cherry at cherry@jlab.org.

All attendees **MUST register** for this conference 7 days in advance.

Organizing Committee
 Silvia Dalla Torre (Trieste)
 Or Hen (MIT)
 Tanja Horn (CUA)
 John Lajoie (Iowa State)
 Bernd Surrow (Temple)





Upcoming Conferences

- QCD With the Electron Collider II
 - December 18-20, IIT, Delhi
 - <https://indico.cern.ch/event/1196913/>
- Epiphany 2023
 - Jan 15 - 19, 2023, Cracow, Poland
 - <https://epiphany.ifj.edu.pl/epiphany2023/>
- 38th WWND
 - Feb 5 - 11, 2023, Puerto Vallarta, Mexico
 - Abstracts due Dec 16th
 - <https://indico.cern.ch/event/1196342/>
- DIS 2023
 - March 27 - 31, 2023, East Lansing MI
 - Abstracts due Dec 12th
 - <https://web.pa.msu.edu/conf/DIS2023/>

Summary and Next Steps

- Major milestone: **Ratification of charter!**
- Ongoing: e(E)PIC Logo Competition - Small-e vs. large-E versions - Voting open until January 8, 2023!
- Next major step: Nomination and election process of the leadership team
- **ePIC collaboration meeting at JLab, January 9-11, 2023:**
<https://www.jlab.org/conference/EPIC>

The screenshot shows the Jefferson Lab website page for the ePIC Collaboration meeting. The page includes a navigation bar with links for HOME, ABOUT, SCIENCE, CAREERS, and a search bar. The main content area features the ePIC logo, the EPIC logo, and the EPIC logo with the text "Electron Proton-Ion Collider Experiment". The page also contains information about the conference date (January 09, 2023 to January 11, 2023) and location (Jefferson Lab). A sidebar on the left lists "RECENTLY VISITED CONFERENCES" and "CONFERENCE LINKS".

