

First of all.. Welcome!

on behalf of the EICUG Steering Committee





First of all.. Welcome!

on behalf of the EICUG Steering Committee

Electron-Ion Collider

and **Big Thanks!** to the team that made it happen:



Rosi Reed and her crew:

Tristan Protzman Jasleen Sandhu Micah Meskowitz Evan Croft Ryan Brandt Anders Knospe Marina Long Ethan Tuttle Brennan Schaefer



EICUG 2024 Annual Meeting

New structure of the EIC Users Group in Phase III



Phase III ?



From the EICUG Charter:

https://www.eicug.org/index.html

December 2, 2022

Preamble

In 2016, at the founding of the Electron-Ion Collider Users Group (EICUG), the Charter established the structures, standing committees, procedures for election of committee members, responsibilities of elected officers and means to modify the Charter as the EIC project evolved. Over the last six years, the EICUG has grown to an organization of over 1,300 members from more than 260 institutions in more than 35 countries worldwide and has played an active role in the successful evolution of EIC. Thus, the Charter has served its purpose well. The Charter states:

The path to the realization of the EIC will pass through different phases where the role of the EICUG is expected to change. For the purpose of discussion, we define the following phases:

- Phase 1: The period up to EIC CD0
- Phase 2: From CD0 to CD1
- Phase 3: From CD1 to CD4, end of construction
- Phase 4: EIC in operation.

DOE status

CD0 (mission need - Dec. 19 + site selection) CD1 (cost range) - Jun. 21

CD3A (procurements) - Mar. 24

Electron-Ion Collider

Most relevant changes

From the EICUG Charter:

- Inst. Board (IB) phased out. Voting right assigned as one vote per individual EICUG member
- Phasing Out the Institutional Board

It is recommended to consider that the Institutional Board (IB) be phased out as the detector collaborations are formed. To date, voting rights were assigned as one vote per Institution, and IB members represented the Institution. By the phasing out of the IB, voting rights will be assigned as one vote per individual EICUG member. In this case, Institutions



Most relevant changes

From the EICUG Charter:

- Inst. Board (IB) phased out. Voting right assigned as one vote per individual EICUG member
- From [Chair, Vice-Chair] to the Chair-line system

• Phasing Out the Institutional Board

It is recommended to consider that the Institutional Board (IB) be phased out as the detector collaborations are formed. To date, voting rights were assigned as one vote per Institution, and IB members represented the Institution. By the phasing out of the IB, voting rights will be assigned as one vote per individual EICUG member. In this case, Institutions

• Continuity in the Chair-line

It is recommended that the Past-Chair, Chair and Chair-Elect serve simultaneously on the Steering Committee.

The elections for the chair line will be conducted annually; the newly elected person will serve as Chair-Elect for one year, then one year as a Chair, and one year as a Past Chair, providing continuity in the leadership line.

In the transition of the Steering Committee to the new era, at the end of her term the current Chair will become Past-Chair, the current Vice-Chair will become Chair and there will be an election for the new Chair-Elect.



Most relevant changes

From the EICUG Charter:

- Inst. Board (IB) phased out. Voting right assigned as one vote per individual EICUG member
- From [Chair, Vice-Chair] to the Chair-line system

• Phasing Out the Institutional Board

It is recommended to consider that the Institutional Board (IB) be phased out as the detector collaborations are formed. To date, voting rights were assigned as one vote per Institution, and IB members represented the Institution. By the phasing out of the IB, voting rights will be assigned as one vote per individual EICUG member. In this case, Institutions

• Continuity in the Chair-line

It is recommended that the Past-Chair, Chair and Chair-Elect serve simultaneously on the Steering Committee.

The elections for the chair line will be conducted annually; the newly elected person will serve as Chair-Elect for one year, then one year as a Chair, and one year as a Past Chair, providing continuity in the leadership line.

In the transition of the Steering Committee to the new era, at the end of her term the current Chair will become Past-Chair, the current Vice-Chair will become Chair and there will be an election for the new Chair-Elect.

- DE&I Chair member of SC

• Elected DEI Representative on Steering Committee

••• EICUG membership in 2021. To maintain continuity, it is recommended to consider the DEI Committee Chair be a member of the Steering Committee.

Electron-Ion Collider

New structure of the Steering Committee

Steering Committee: governance of the EIC Users Group

From the EICUG Charter:

- Chair
- Chair-Elect
- Past Chair
- Two regular members
- One early-career scientist (within 5 years of their PhD not counting career interruptions)
- Two representatives from world regions outside the US, as defined by the Steering Committee
- Chair of Diversity, Equity, Inclusion (DEI) Committee ex officio member
- One representative from the ePIC Collaboration
- Two representatives selected by the host laboratories / EIC Project



New structure of the Steering Committee

Steering Committee: governance of the EIC Users Group

From the EICUG Charter:

Electron-Ion Collide



Every year, 3 new members (Chair-Elect + 2)

Transition from old to new Steering Committee

Before Aug. 2023

Р	PHASE 2 CHARTER				
SC POSITION	NAME	TERM END			
CHAIR	R. Fatemi	AUG 23			
VICE-CHAIR	M. Radici	AUG 23			
AT LARGE	S. Dalla Torre	DEC 22 <i>extend</i> APR 23			
AT LARGE	T. Horn	DEC 23			
AT LARGE	Y. Kovchegov	DEC 22 <i>extend</i> APR 23			
EUROPEAN	D. Sokhan	AUG 23			
INTERNATIONAL	A. Mukherjee	DEC 23			
BNL/PROJECT	T. Ullrich	APPOINTED			
JLAB/PROJECT	R. Ent	APPOINTED			
IB CHAIR	O. Evdokimov	DEC 22 extend APR 23			

After Aug. 2023

	PHASE 3 CHARTER							
	SC POSITION	NAME	TERM END					
	CHAIR	M. Radici	AUG 24					
(CHAIR-ELECT	O. Hen	AUG 24 AUG 24 AUG 24 AUG 26 AUG 24 AUG 25 AUG 24					
F	PAST-CHAIR	R. Fatemi						
F	REGULAR I	T. Horn						
F	REGULAR 2 N	1. Constantinou						
I	NTERNATIONAL I	A. Mukherjee						
I	NTERNATIONAL 2	M. Ruspa						
E	EARLY CAREER	W. "Bill" Li						
E	ED&I CHAIR	A. Jentsch						
E	BNL/PROJECT	T. Ullrich	APPOINTED					
J	ILAB/PROJECT	R. Ent	APPOINTED					
E	EPIC REP	J. Lajoie	APPOINTED					

*BLUE: 2023 TRANSITION *RED: TO BE ELECTED

original slide from Renee Fatemi

The EICUG Structure

Steering Committee (SC)

Elections&Nominating Committee report in next talk



Diversity, Equity & Inclusion (DE&I) Committee Chair sitting in SC

> see report Wednesday, 10am and joint session with ePIC on Wednesday, 4:30pm

> > **Electron-Ion Collider**

for composition of Committees, see EICUG web page https://www.eicug.org/content/organization.html

The EICUG Structure

Steering Committee (SC)

Elections&Nominating Committee report in next talk

> Conferences&Talks Committee renovated, includes also liaison to corresponding ePIC committee

From the Charter about EICUG mission:

• Select appropriate official speakers and coordinate their participation with the detector collaborations in EIC-related seminars, colloquia, workshops, conferences, through the Conference and Talks Committee, whose mem-Also: explore construction of shared database of past talks Notes that the second secon

Charter

Committee

Chair sitting in SC

see report Wednesday, 10am and joint session with ePIC on Wednesday, 4:30pm

for composition of Committees, see EICUG web page https://www.eicug.org/content/organization.html

Calendar

https://eic-conferences.lbl.gov/home

	EICUG/ePIC talks and conferences 🛱 🔄 🖂 File Modifica Visualizza Inserisci Formato Dati Strumenti Estensioni Guida											
C	< 5 さ 日 당 100% ▼ \$ % .0 4.00 123 Predef ▼ - 10 + B I 중 A ◆ 田 동 ▼ Ξ ▼ 보 ▼ I→ ▼ A, ▼ G> 注 Ⅲ											
H31	H31 - fx											
	А	В	С	D	E	F	G	н	I			
1	Name and color code type		Location	Start Date	End Date	Туре	Deadline for abstracts	Status				
2	General	School	Collaboration									
22	Midsummer school in QCD 2024			Saariselkä, Finland	06/24/2024	07/06/2024	School	Apr 15	Completed			
23												
24					JULY							
25	The 4th EIC-Asia workshop			Shangai, China	07/01/2024	07/05/2024	General		Completed			
26	10th International Conference on Quark and Nuclear Physics (QNP2024)			Barcelona, Spain	07/08/2024	07/12/2024	General	Apr. 8	Completed			
27	Synergies between LHC and EIC for Quarkonium Physics			ECT* Trento, Italy	07/08/2024	07/12/2024	General	(registration deadline June 14)	Completed			
28	ICHEP24: 4th international conference on High-Energy Physics			Prague, Czech Republic	07/18/2024	07/24/2024	General	Feb 16	Running			
29	EICUG AI WG meeting on RAG-based Summarization for EIC			online	07/18/2024		Collaboration		Completed			
30	2024 EICUG-6	ePIC Collaboration join	t meeting	Bethlehem, PA-US	07/22/2024	07/28/2024	Collaboration		Running			
31	Heavy Ion Physics in the EIC era - INT 24-2b			Seattle, WA-US	07/29/2024	08/23/2024	General		Upcoming			
32	BOOST 2024 - 16th In Phenomenology, I	ternational Workshop of Reconstruction, Measu earches at Colliders	n Boosted Object rements, and	Genova, Italy	07/29/2024	08/02/2024	General	May 26	Upcoming			
33												
34					AUGUST							
35	13th International School 23rd International School	ool for Strangeness Nu Summer School (SNP-0	clear Physics and CNS SS 2024)	Tokyo (Hongo & Wako), JAPAN	08/03/2024	08/08/2024	General	June 3	Upcoming			
36	12th Workshop on Had	ron Physics and Oppor	tunities Worldwide	Dalian, China	08/04/2024	08/09/2024	General	June 15	Upcoming			
37	Towards improved h	adron tomography with reactions	hard exclusive	ECT* Trento, Italy	08/05/2024	08/09/2024	General	(registration from 06/03/2024 to 07/12/2024)	Upcoming			
	14th International Cor	nference on Nucleus-N	ucleus Collisions					(registration deadline				

(and)

Electron-Ion Collider

The EICUG Structure

From the Charter about EICUG mission:

- Provide a forum to further develop the EIC scientific program and user community, particularly by fostering exchange of ideas between experimenters and theorists using diversified communicating tools (web site, mailing lists, wiki pages, GitHub pages, Zenodo document repository, etc..)
- Provide a forum for discussion and promote collaboration with the accelerator community to optimize design and realization of the EIC experiments

Working Groups (WG)



The EICUG Structure

From the Charter about EICUG mission:

- Provide a forum to further develop the EIC scientific program and user community, particularly by fostering exchange of ideas between experimenters and theorists using diversified communicating tools (web site, mailing lists, wiki pages, GitHub pages, Zenodo document repository, etc..)
- Provide a forum for discussion and promote collaboration with the accelerator community to optimize design and realization of the EIC experiments

Working Groups (WG)

- Theory WG report today 10:05am
- 2nd Detector WG report and discussion on restructuring today 11:50am



From the Charter about EICUG mission:

Advocacy Letters

- Represent the interests of EIC users to the laboratories
- Represent the broader EIC Users community in discussions of scientific priorities and tradeoffs that may be imposed by budget realities; e.g. ar-



From the Charter about EICUG mission:

- Represent the interests of EIC users to the laboratories
- Represent the broader EIC Users community in discussions of scientific priorities and tradeoffs that may be imposed by budget realities; e.g. ar-

Advocacy Letters

- Dec. 1st 2023

The Honorable Jennifer Granholm Secretary of Energy United States Department of Energy 1000 Independence Avenue SW Washington, DC 20585 The Honorable Shalanda D. Young Director Office of Management and Budget 725 17th Street NW Washington, DC 20503

- Apr. 26th 2024 Personal answer to EICUG Chair by H. Kung, DOE Off. Science Acting Dir. Ask for dedicated funding to EIC in DOE FY25 budget. 268 signatures

Department of Energy Office of Science Washington, DC 20585

April 26, 2024

Office of the Directo

Dr. Marco Radici Chair of the Electron-Ion Collider User Group Steering Committee INFN - Sezione di Pavia via Bassi 6 1-27100 Pavia Italy

Dear Dr. Radici:

Thank you for your letter dated December 1, 2023, to the Screntary of Energy and the Director of the Office of Management and Budget regarding the Electron-Ion Collider (EC). I an responding on behalf of Screttary Granholm and Director Young. 1 appreciate the time you took to share your support for our work on the President's fiscal year (FY) 2025 Budget Request.

As the Administration develops the President's FY 2025 Budget, we will continue to focus on investments that are critical to laying a stronger foundation for our Nation's future, including emerging technologies and our user facilities.

I can assure you that your thoughts will be carefully considered as we continue to develop the President's FY 2025 Budget Request. If you have any further questions, please contact me or Ms. Natalia Melcer, Senior Technical Advisor, at (301) 903-0821

Electron-Ion Collider

Sincerely

Harriet Kung Acting Director Office of Science

From the Charter about EICUG mission:

- **Represent the interests of EIC users** to the laboratories •
- Represent the broader EIC Users community in discussions of scientific priorities and tradeoffs that may be imposed by budget realities; e.g. ar-

Advocacy Letters

- Dec. 1st 2023

The Honorable Jennifer Granholm Secretary of Energy United States Department of Energy 1000 Independence Avenue SW Washington, DC 20585

The Honorable Shalanda D. Young Director Office of Management and Budget 725 17th Street NW Washington, DC 20503

- Apr. 26th 2024 Personal answer to EICUG Chair by H. Kung, DOE Off. Science Acting Dir.

- Jul. 19th 2024

The Honorable Patty Murray Chairwoman Energy & Water Development Subcommittee Senate Committee on Appropriations S-128, The Capitol Washington, DC 20510

The Honorable John Kennedy Ranking Member Energy & Water Development Subcommittee Senate Committee on Appropriations S-146, The Capitol Washington, DC 20510

268 signatures epartment of Energy April 26, 2024

Office of Science Washington, DC 20585

Office of the Directe

Dr. Marco Radici Chair of the Electron-Ion Collider User Group Steering Committee INFN - Sezione di Pavia via Bassi 6 I-27100 Pavia Italy

Dear Dr. Radici:

Ask for dedicated funding

to EIC in DOE FY25 budget.

Thank you for your letter dated December 1, 2023, to the Secretary of Energy and the Director of the Office of Management and Budget regarding the Electron-Ion Collider (EIC). I am responding on behalf of Secretary Granholm and Director Young. I appreciate the time you took to share your support for our work on the President's fisca year (FY) 2025 Budget Request.

As the Administration develops the President's FY 2025 Budget, we will continue to focus on investments that are critical to laying a stronger foundation for our Nation's future, including emerging technologies and our user facilities.

I can assure you that your thoughts will be carefully considered as we continue to develop the President's FY 2025 Budget Request. If you have any further questions, please contact me or Ms. Natalia Melcer, Senior Technical Advisor, at (301) 903-0821

Electron-Ion Collider

Sincerely

Horriet Kung Acting Directo Office of Scien

Reiterated ask for dedicated funding to EIC in DOE FY25 budget. 766 signatures Big Thanks!

From the Charter about EICUG mission:

- **Represent the interests of EIC users** to the laboratories •
- Represent the broader EIC Users community in discussions of scientific priorities and tradeoffs that may be imposed by budget realities; e.g. ar-

Advocacy Letters

- Dec. 1st 2023

The Honorable Jennifer Granholm Secretary of Energy United States Department of Energy 1000 Independence Avenue SW Washington, DC 20585

The Honorable Shalanda D. Young Director Office of Management and Budget 725 17th Street NW Washington, DC 20503

- Apr. 26th 2024 Personal answer to EICUG Chair by H. Kung, DOE Off. Science Acting Dir.

- Jul. 19th 2024

The Honorable Patty Murray Chairwoman Energy & Water Development Subcommittee Senate Committee on Appropriations S-128, The Capitol Washington, DC 20510

The Honorable John Kennedy Ranking Member Energy & Water Development Subcommittee Senate Committee on Appropriations S-146, The Capitol Washington, DC 20510

Ask for dedicated funding to EIC in DOE FY25 budget. 268 signatures

partment of Energy

Office of Science Vashington, DC 20585

Office of the Directe

Dr. Marco Radici Chair of the Electron-Ion Collider User Group Steering Committee INFN - Sezione di Pavia via Bassi 6 I-27100 Pavia

Dear Dr. Radici

Thank you for your letter dated December 1, 2023, to the Secretary of Energy and the Director of the Office of Management and Budget regarding the Electron-Ion Collider (EIC). I am responding on behalf of Secretary Granholm and Director Young. I appreciate the time you took to share your support for our work on the President's fisca year (FY) 2025 Budget Request.

April 26, 2024

As the Administration develops the President's FY 2025 Budget, we will continue to focus on investments that are critical to laying a stronger foundation for our Nation's future, including emerging technologies and our user facilities.

I can assure you that your thoughts will be carefully considered as we continue to develop the President's FY 2025 Budget Request. If you have any further questions, please contact me or Ms. Natalia Melcer, Senior Technical Advisor, at (301) 903-0821

> Horriet Kung Acting Directo Office of Scien

Reiterated ask for dedicated funding to EIC in DOE FY25 budget. 766 signatures **Big Thanks!**

Talks on Wednesday morning by L. Horton - DOE Office of Nucl. Phys. Acting Dir. DOE Science Progr. Ass. Deputy Dir. A. Opper - NSF Nucl. Phys. Progr.



More...

NSAC Long Range Plan 2023

"We recommend the expeditious completion of the EIC as the highest priority for facility construction."



https://science.osti.gov/-/media/np/nsac/pdf/202310/October-4-LRP-Report.pdf



Outreach

From the Charter about EICUG mission:

EICUG Newsletter

Des DEUC Member, where the the land over Menseliter of the UC from Singe (EDCM). It is a pleasure to this the the chine constraints the EC entransmission devices of the ECCM of the ECCM constraints of the ECCM and the ECCM and the ECCM constraints of the ECCM and the ECCM constraints of the ACCM and the ACCM and the ECCM between the main goal has remained the same to promote the ECC worklowide, and to strangethere the instraints of the intervent of the ECCM and the ACCM between the main goal has remained the same to promote the ECCM worklowide, and the strangethere the interventional fields into the long the ECC constraints (top the the accumate the down and the other the CCM constraints (the single the ACCM constraints of the Beat on the strangethere in the ACCM and the Newsletter can relieve the accumate the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Intervention of the Land Company is not the Single Land Constraints (the Intervention of the Intervention of the

Sincerely Marco Radici Thair of the FICU • Organize outreach to physicists, scientists, policy makers and the general public about the EIC project

resumed in renovated style and content last April next issue during Fall 2024



Outreach

From the Charter about EICUG mission:



• Organize outreach to physicists, scientists, policy makers and the general public about the EIC project

resumed in renovated style and content last April next issue during Fall 2024

- Schools USA: CFNS School @Stony Brook every year in June

India: Intl. School, Feb. 2024 ICTS - Bangalore



Electron-Ion Collider

International School and Workshop on Probing Hadron Structure at the Electron-Ion Collider

School (January 29-February 3, 2024) Topics of lectures: (i) Pedagogical lectures on QCD and physics of EIC (ii) Elastic and deep inelastic scattering (iii) Exclusive processes (iv) Single spin asymmetries and TMDs (v) Hadron structure in experiments (vi) Heavy ion physics

Outreach

From the Charter about EICUG mission:



• Organize outreach to physicists, scientists, policy makers and the general public about the EIC project

resumed in renovated style and content last April next issue during Fall 2024

- Schools USA: CFNS School @Stony Brook every year in June

India: Intl. School, Feb. 2024 ICTS - Bangalore



International School and Workshop on Probing Hadron Structure at the Electron-Ion Collider

School (January 29-February 3, 2024) Topics of lectures: (i) Pedagogical lectures on QCD and physics of EIC (ii) Elastic and deep inelastic scattering (iii) Exclusive processes (iv) Single spin asymmetries and TMDs (v) Hadron structure in experiments (vi) Heavy ion physics

talk on Wednesday, 4pm on global strategy to strengthen the international EIC community

Electron-Ion Collider

EICUG Award

In recognition of outstanding contributions (both exp., th., as well as about instrumentation, computing or accelerator technologies) to the advance of the EIC project and physics case.

Three categories: graduate students; post-docs; junior faculty or lab equivalent

Total **11** nominations: **3** ; **3** ; **5**

Award ceremony this afternoon, 2pm, including a brief self-presentation of the winners for each category

Followed by 2 exp. talks and 2 th. talks on topics of interest for the EIC community



All the Committees and WG's worked hard to accomplish the EICUG mission in all aspects depicted in the Charter: promote discussion forum and exchange of ideas to advance the EIC science program; organize meetings and elections of the EIC community; represent the interests of the EIC users in various situations; organize outreach activities.



All the Committees and WG's worked hard to accomplish the EICUG mission in all aspects depicted in the Charter: promote discussion forum and exchange of ideas to advance the EIC science program; organize meetings and elections of the EIC community; represent the interests of the EIC users in various situations; organize outreach activities.

I want to thank the EICUG Steering Committee for the invaluable help and support during my term as Chair of the EICUG.



All the Committees and WG's worked hard to accomplish the EICUG mission in all aspects depicted in the Charter: promote discussion forum and exchange of ideas to advance the EIC science program; organize meetings and elections of the EIC community; represent the interests of the EIC users in various situations; organize outreach activities.

I want to thank the EICUG Steering Committee for the invaluable help and support during my term as Chair of the EICUG.

A special thank to Renee for the 3-years-long collaboration since the time of the [Chair, Vice-Chair] era!





All the Committees and WG's worked hard to accomplish the EICUG mission in all aspects depicted in the Charter: promote discussion forum and exchange of ideas to advance the EIC science program; organize meetings and elections of the EIC community; represent the interests of the EIC users in various situations; organize outreach activities.

I want to thank the EICUG Steering Committee for the invaluable help and support during my term as Chair of the EICUG.

A special thank to Renee for the 3-years-long collaboration since the time of the [Chair, Vice-Chair] era!



Now, it's time to leave the floor to the new Chair to hear about the future...



Electron-Ion Collide

Thank You Marco!





Thank You Outgoing SC Members!

- Tanja Horn
- Asmita Mukherjee
- Wenliang "Bill" Li
- Thomas Ullrich









Thank You Outgoing SC Members!

- Tanja Horn
- Asmita Mukherjee
- Wenliang "Bill" Li
- Thomas Ullrich



Thank you incoming SC Members: Peter Steinberg (BNL Representative) + new members elected by <u>674</u> EICUG members!

EICUG Moving Forward: Big Picture

<u>Top priority:</u> continue supporting EIC project!

- Theory community & "General" tools
- ePIC
- Accelerator
- Advocacy

Equally important: continue pushing for the future

Detector II⁺ and Generic R&D^{*}

+ Focusing on complementarity studies given ePIC design

* Program on hold for the coming year. Advocating for its renewal.

EICUG Moving Forward: Big Picture

<mark>(details in talks)</mark> today & tomorrow)

<u>Top priority:</u> continue supporting EIC project!

- Theory community & "General" tools
- ePIC
- Accelerator
- Advocacy

Equally important: continue pushing for the future

Detector II⁺ and Generic R&D^{*}

+ Focusing on complementarity studies given ePIC design

* Program on hold for the coming year. Advocating for its renewal.

EICUG Moving Forward: User Engagement

User engagement is on the rise! e.g.:

- 674 Participate in SC Election
- 766 Signed funding advocacy letter

<u>My ask to you:</u> Keep it up! Proven user engagement sends a clear sign to labs, funding agencies, policy makers – we are committed to the EIC project and its science!

My promise to you: Minimal requests and only when it really matters!

Have a Great Meeting!

Electron-Ion Collider User Group The world's most powerful microscope for studying the "glue" that binds the building blocks of visible matter.

https://www.eicug.org