

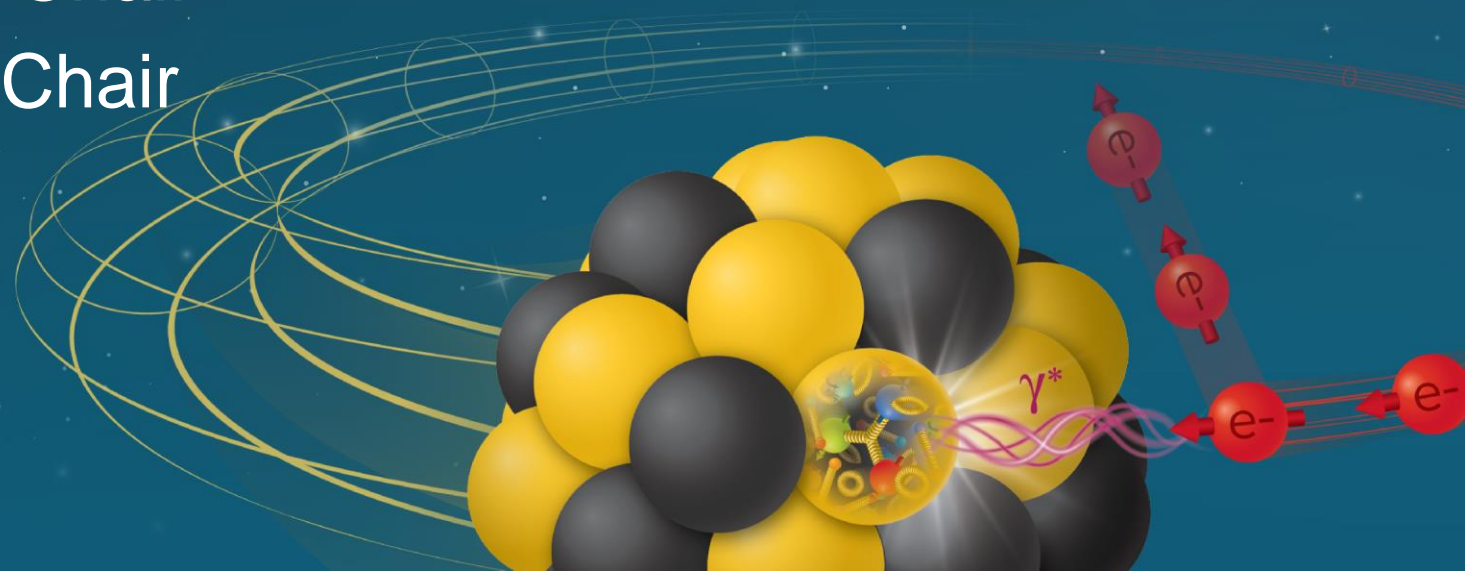


EIC Accelerator Collaboration Institutional Board Meeting Welcome

Wolfram Fischer (BNL), Co-Chair
Tatiana Pieloni (EPFL), Co-Chair

29 May 2026

Electron-Ion Collider



About Me - Wolfram Fischer

Current Role:

- Deputy ALD for Accelerators, Nuclear and Particle Physics Directorate Chair, Collider-Accelerator Department
- Co-Chair, **EIC** Accelerator Collaboration

Experience:

- 1995-2026 BNL from post-doc to present position (1 year away in industry), focus on all aspects of the **RHIC** operation and upgrades
- Technical work on collider topics including DA, beam-beam and head-on beam-beam compensation, electron clouds, operational issues, automation
- Associate Editor – Physical Review Accelerator and Beams
- IEEE NPSS PAST Chair 2022-24; IPAC'24 Scientific Program Chair; FAIR MAC Chair 2023 –

Education:

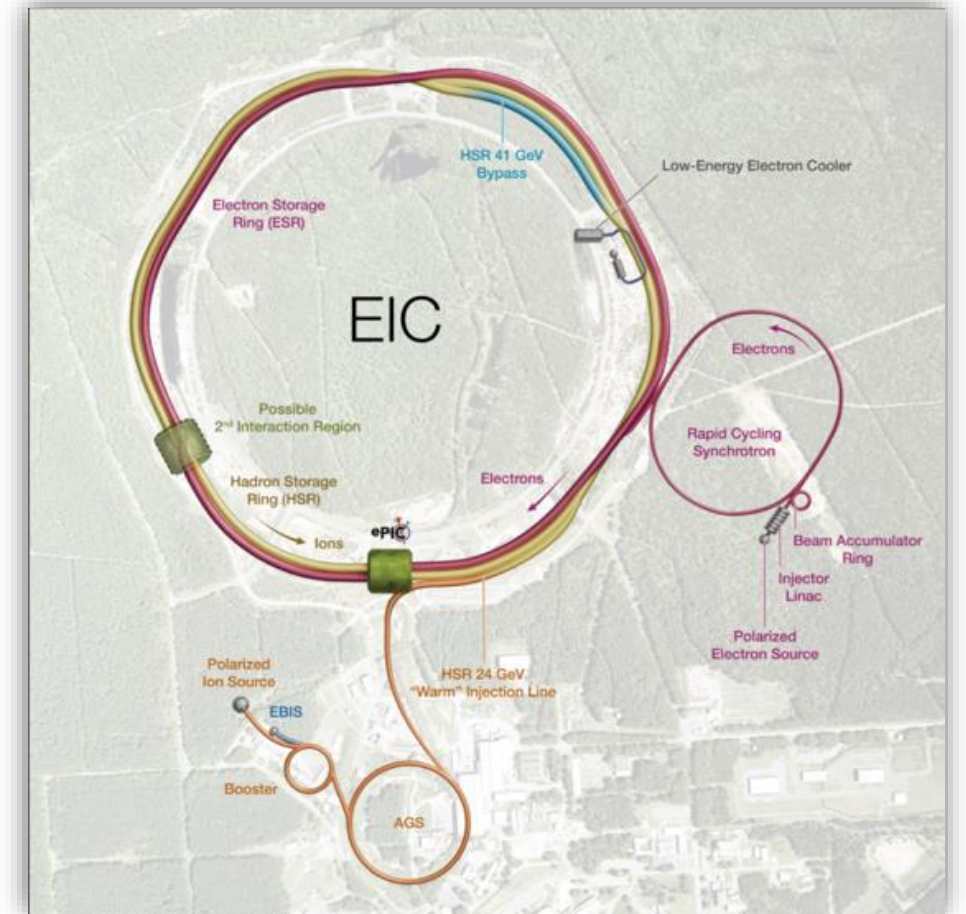
- 1995 PhD Hamburg University, experimental AP work at CERN and DESY
- 2001 MS Management and Policy, Stony Brook University
- 2020 US DOE Project Leadership Institute (PLI)



EIC Facility Requirements

Ultimate Performance Parameters

- High Luminosity: $L = 10^{33} - 10^{34} \text{cm}^{-2}\text{sec}^{-1}$
- Highly Polarized Beams: 70%
- Large Center of Mass Energy Range:
 $E_{\text{cm}} = 28 - 140 \text{ GeV}$
- Large Ion Species Range:
protons – Uranium
- Large Detector Forward Acceptance and
Low-Background Conditions
- Possibility to Implement a Second
Interaction Region (IR)



EIC Accelerator Collaboration

Main Elements of the EIC Accelerator Collaboration:

- Institutional Board
- Co-Chairs
- Working Groups
- Collaboration Meetings
- Fellowships (yet to be established)

Welcome

- First meeting of the EIC Accelerator Collaboration Institutional Board
- Thank you all for all for agreeing to be member of the EIC Accelerator Collaboration Institutional Board

EIC AC Institutional Board – membership

Lin Liu	LNLS	Brazil
Oliver Kester	TRIUMF	Canada
Guillaume Olry	IJCLab	France
Pierre Vedrine	CEA Saclay	France
Qing Qin	ESRF	France
Ralph Assmann	GS/FAIR	Germany
Lucio Rossi	INFN Milano	Italy
Roberto Cimino	INFN-LNF	Italy
Moses Chung	Pohang Accelerator Lab	South Korea
Amalia Ballarino	CERN	Switzerland
Graeme Burt	Lancaster University	UK
Carsten Welsch	University of Liverpool	UK
Nik Templeton	STFC	UK
Phil Burrows	John Adams Institute	UK
Stewart Boogert	Cockcroft Institute	UK
Georg Hoffstaetter	Cornell University	United States
Jean Delayen	Old Dominion University	United States
John Power	ANL	United States
Mei Bai	SLAC	United States
Sam Posen	Fermilab	United States
Sarah Cousineau	ORNL	United States
Soren Prestemon	LBNL	United States
Young-Kee Kim	University of Chicago	United States
Yue Hao	FRIB	United States

Agenda today

- | | | |
|-----------------------------------------------|---------|--------|
| • Welcome and Status of the EIC AC activities | Wolfram | 15 min |
| • Working groups | Tatiana | 15 min |
| • Role of the Institutional Board | Wolfram | 15 min |
| • Timeline and next steps | Tatiana | 15 min |

EIC Accelerator Collaboration – short history

- Formed in 2023
- Co-Chairs (~2-year terms, staggered)
 - Carsten Welsch (U Liverpool) 2023 – 2024
 - Andrei Seryi (JLab/ODU) 2023 – 2025
 - Tatiana Pieloni (EPFL) 2025 –
 - Wolfram Fischer (BNL) 2026 –

EIC Accelerator Collaboration – short history

- Active Working Groups
 - Beam-beam
Christoph Montag (BNL) and Xavier Buffat (CERN)
 - Polarized Beams & Polarimetry
Frank Rathmann (BNL) and Georg Hoffstaetter (Cornell)
 - Commissioning Tools
Yue Hao (MSU) and Jean-Luc Vay (LBNL)

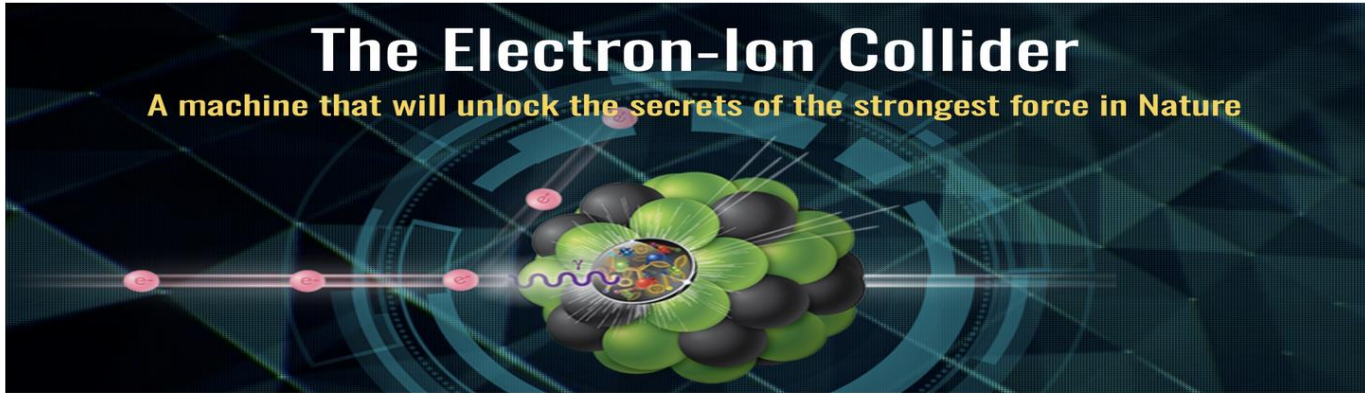
EIC Accelerator Collaboration – short history

- Collaboration Meetings
 - IPAC'24, Nashville
 - IPAC'25, Taipei
 - NAPAC'25, Sacramento
 - IPAC'26, Deauville

EIC Accelerator Collaboration and synergies with FCC studies

May 20, 2026
Europe/Paris timezone

- Overview
- Timetable
- Contribution List
- Registration
- Participant List



The [Electron-Ion Collider \(EIC\)](#) will be a world-leading facility for exploring the strong nuclear force—the fundamental interaction that binds quarks and gluons into protons, neutrons, and nuclei. Hosted at Brookhaven National Laboratory and built on the existing RHIC infrastructure, the EIC will bring high-energy electron beams into collision with protons and heavy ions to unlock deep insights into the structure of matter.

The realization of the EIC presents an array of scientific and technical challenges, offering a unique opportunity for the global accelerator community to engage in a major international project.

To support this, the [EIC Accelerator Collaboration](#) was officially launched in December 2023. Since its inception, the collaboration has taken flight, with growing international engagement and ongoing contributions to key areas of EIC design, R&D, and long-term performance planning.

62 registratrants

EIC Accelerator Collaboration and synergies with FCC studies IPAC26

May 20, 2026
Europe/Paris timezone

Enter your search term 

Overview

Timetable

Contribution List

My Conference

My Contributions

Registration

Participant List


Timetable

< Wed 20/05 >


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12:00

Welcome *Dr Tatiana Pieloni*
12:30 - 12:35

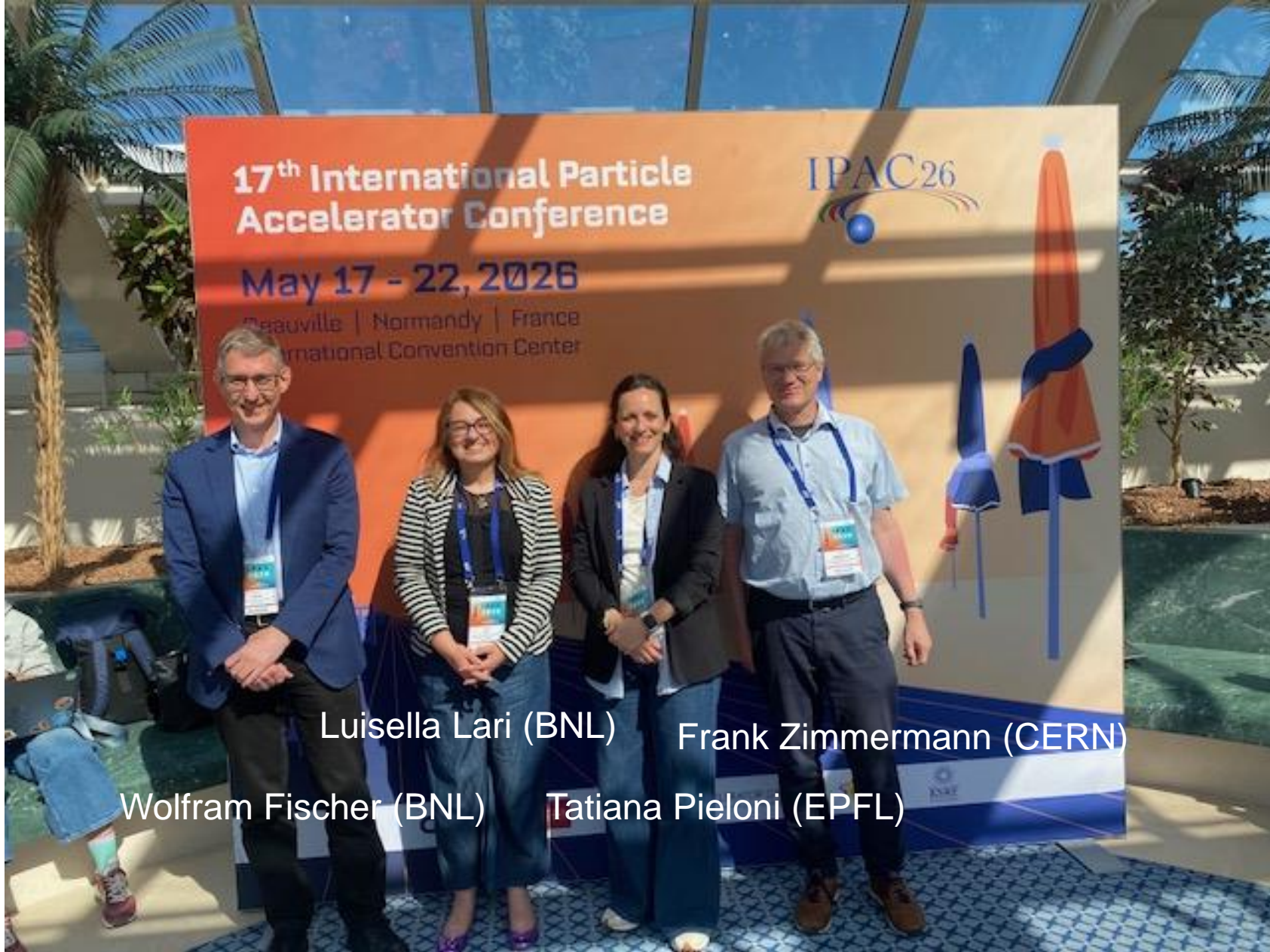
The Electron-Ion Collider Project status *Luisella Lari* 
12:35 - 12:50

13:00

The EIC Accelerator Collaboration *Wolfram Fischer* 
12:50 - 13:05

The Future Circular Collider study and possible Synergies *Frank Zimmermann* 
13:05 - 13:20

Open Discussion *Dr Tatiana Pieloni*
13:20 - 13:30



Luisella Lari (BNL) Frank Zimmermann (CERN)
Wolfram Fischer (BNL) Tatiana Pieloni (EPFL)

What is the EIC Accelerator Collaboration

EICAC ↻

[About](#) [Contact](#) [Working Groups](#) [EICUG ↗](#) [Indico ↗](#) [News](#)

<https://eicac.org/>

[Home](#)

News 📡

EICAC will meet at IPAC 2026

Electron-Ion Collider Accelerator Collaboration will meet on May 20, 2026 at premiere accelerator physics conference - IPAC 2026. This special session will bring together the EIC and FCC communitie...

May 19, 2026 · 1 min · 111 words · EICAC Team

Wolfram Fischer Appointed Co-Chair of the EIC Accelerator Collaboration

Dr. Wolfram Fischer has been named co-chair of the Electron-Ion Collider Accelerator Collaboration (<https://eicac.org/>). Fischer will partner with Tatiana Pieloni of École Polytechnique Fédérale de...

March 6, 2026 · 1 min · 41 words · EIC Project Team

EICAC will meet at NAPAC 2025

Several hundred accelerator experts from around the world will meet on August 10-15, 2025, in Sacramento, California, during premiere accelerator physics conference NAPAC 2025. The EIC



What is the EIC Accelerator Collaboration

- We would like to collaborate with other labs in the world
 - to realize the EIC, and
 - for mutual benefit
- On topics of common interest in
 - Beam dynamics
 - Technology

