



# Collaboration Meeting 2025

John Hobbs (Stony Brook)

Torre Wenaus (BNL)

Makoto Asai (JLab)



Stony Brook  
University



Brookhaven  
National Laboratory

Jefferson Lab



U.S. DEPARTMENT OF  
**ENERGY**

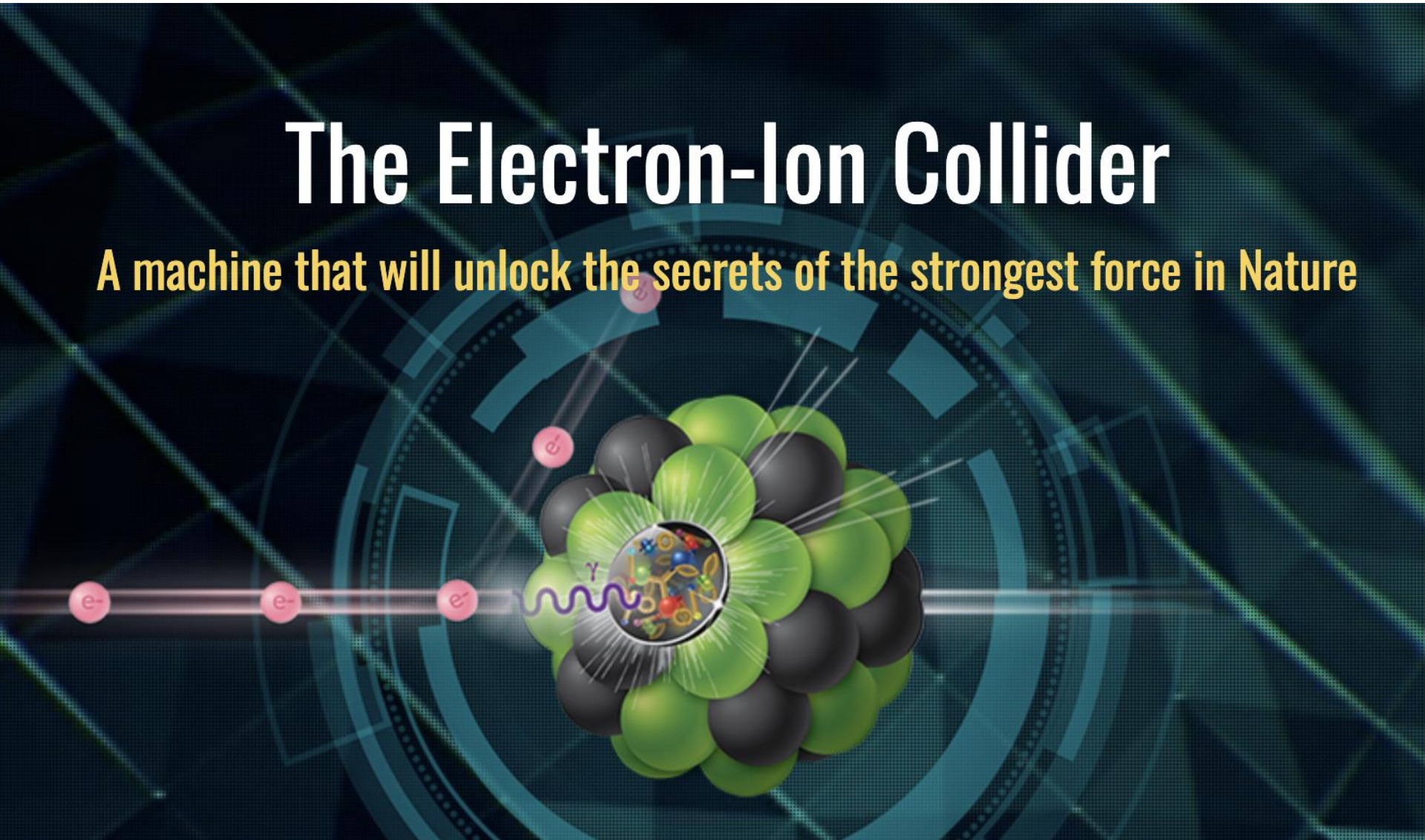
Office of  
Science



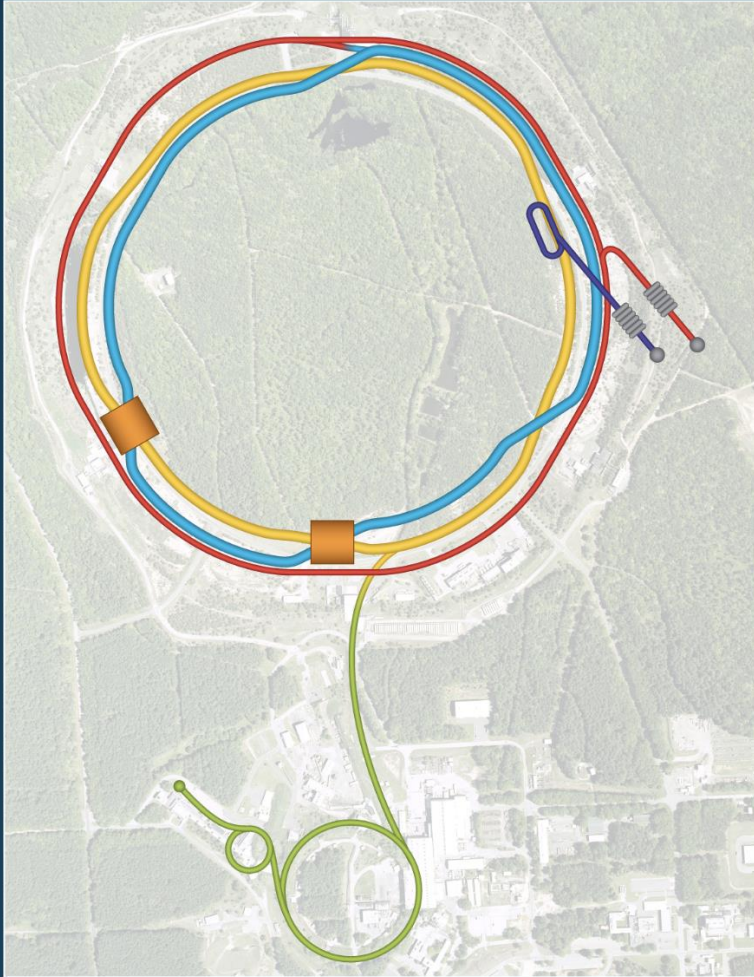
# Electron-Ion Collider – first collision in 2031

## The Electron-Ion Collider

A machine that will unlock the secrets of the strongest force in Nature



# PROJECT: INTRODUCTION



The Electron-Ion Collider (EIC) at the U.S. Department of Energy's (DOE) Brookhaven National Laboratory will be a one-of-a-kind nuclear physics research facility. Scientists will use its unique capabilities to explore the building blocks of matter and the strongest force in nature.

Building the EIC will draw on contributions and expertise from other labs, universities, and collaborating institutions throughout the U.S. and around the world. This journey into a new frontier in nuclear physics will expand the limits of science and technology for decades to come.

# PROJECT: RESEARCH PARTNERS

Scientists and others from Brookhaven National Laboratory (left) and Thomas Jefferson National Accelerator Facility (Jefferson Lab, right) will collaborate with researchers at other national labs and universities throughout the U.S. and around the world to build the Electron-Ion Collider (EIC).



BROOKHAVEN LAB

JEFFERSON LAB

OTHER DOE LABS

STONY BROOK UNIVERSITY

OTHER U.S. UNIVERSITIES

INTERNATIONAL

# Stony Brook

---

- Geant4 Collaboration Meeting in 2025 will be held at Stony Brook University.
- Co-hosted by
  - Stony Brook University
  - Brookhaven National Laboratory
  - Thomas Jefferson National Accelerator Facility
- As the home of the new EIC, we expect to organize a Technical Forum and a user meeting / tutorial highlighting the nuclear physics domain associated with the collaboration meeting.
- Exact meeting date will be announced later this month.
- See you all in (a suburb of) New York!