CEBAF Experimental Physics

CLAS Collaboration Meeting

17 November 2026

Douglas W. Higinbotham



Jefferson Lab

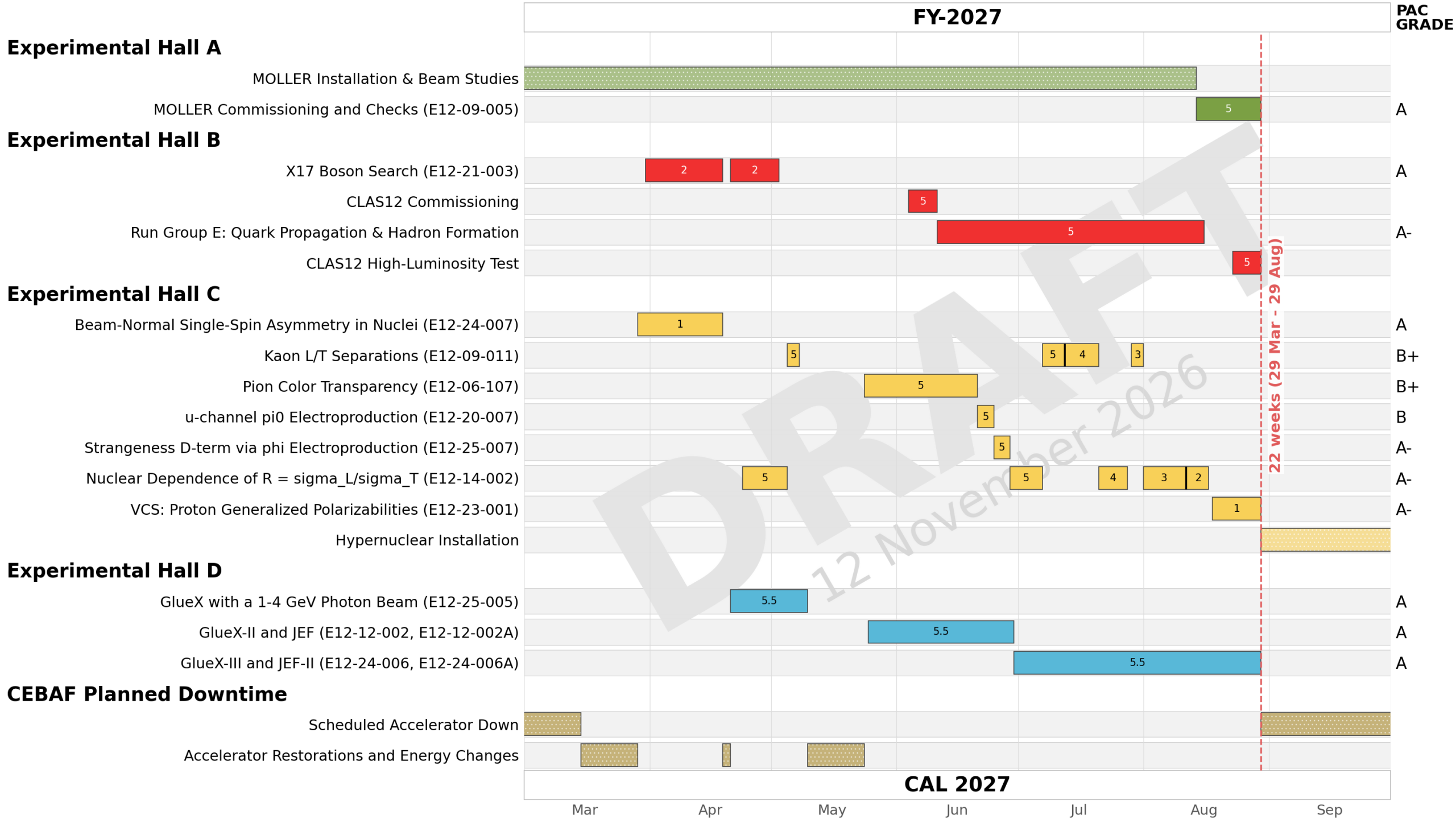
U.S. DEPARTMENT of ENERGY

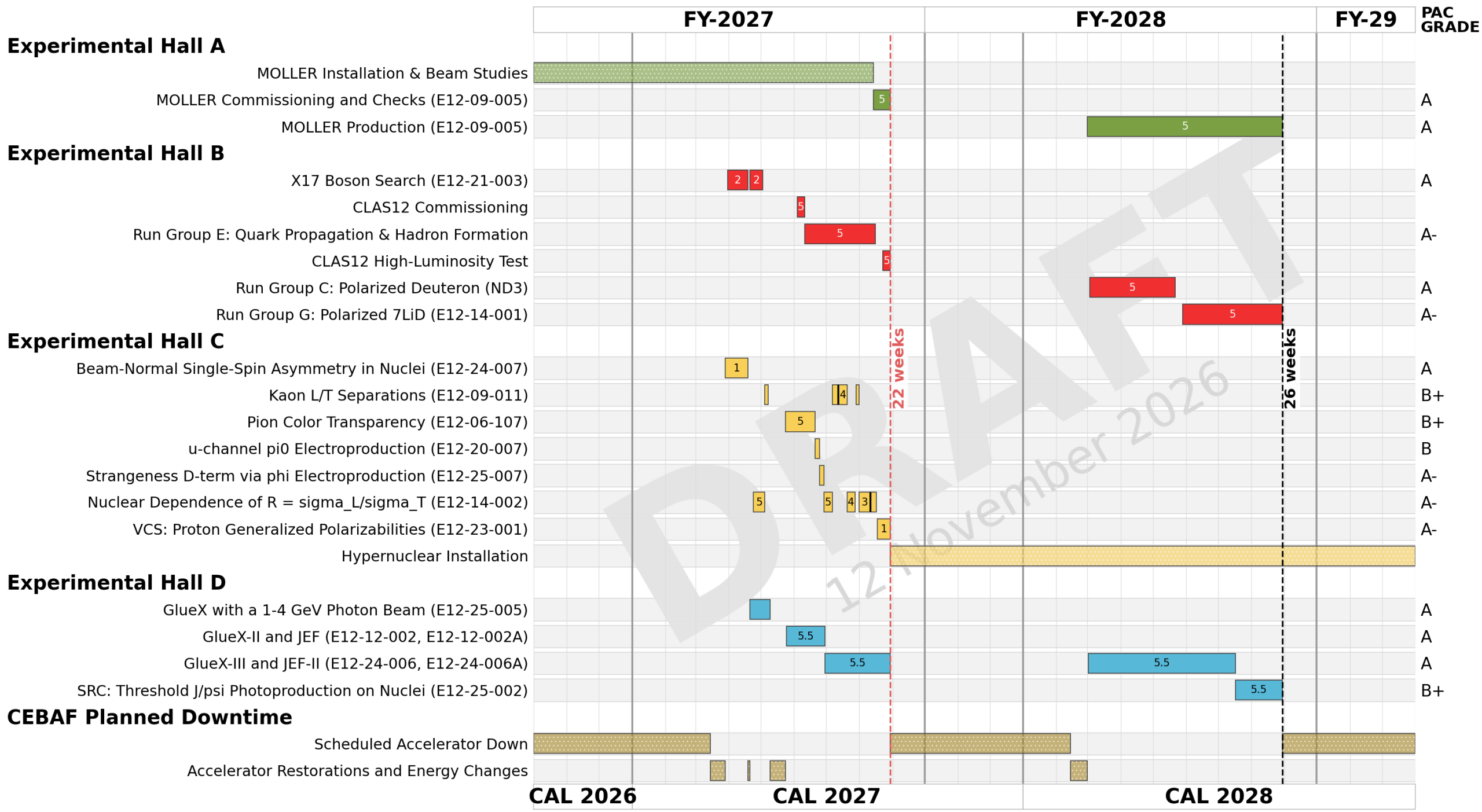
Office of Science Advisory Committee (SCAC)



- Facilities Subcommittee roadmap, presented 12 November: proposed projects for the next decade, ranked in five tiers within about $9B.
- Projects under construction, MOLLER and GRETA included, are not delayed by new starts.
- HPDF: in the urgent tier, as part of SuperIntelligence for Science.
- EIC: listed as a decadal priority, in the longer-term tier.
- Also in nuclear physics: LEGEND-1000, near term; High Rigidity Spectrometer, mid term; additional ton-scale neutrinoless double beta decay experiments, next decade.
- The roadmap is a recommendation. Decisions rest with DOE and the appropriators in Congress.

https://science.osti.gov/About/Federal-Advisory-Committee/SCAC/Meetings/11-12-2026


FY-2027
PAC GRADE
Experimental Hall A
MOLLER Installation & Beam Studies
MOLLER Commissioning and Checks (E12-09-005)
5
A
Experimental Hall B
X17 Boson Search (E12-21-003)
2
2
A
CLAS12 Commissioning
5
Run Group E: Quark Propagation & Hadron Formation
5
A-
CLAS12 High-Luminosity Test
5
Experimental Hall C
Beam-Normal Single-Spin Asymmetry in Nuclei (E12-24-007)
1
A
Kaon L/T Separations (E12-09-011)
5
5
4
3
B+
Pion Color Transparency (E12-06-107)
5
B+
u-channel pi0 Electroproduction (E12-20-007)
5
B
Strangeness D-term via phi Electroproduction (E12-25-007)
5
A-
Nuclear Dependence of R = sigma_L/sigma_T (E12-14-002)
5
5
4
3
2
A-
VCS: Proton Generalized Polarizabilities (E12-23-001)
1
A-
Hypernuclear Installation
22 weeks (29 Mar - 29 Aug)
Experimental Hall D
GlueX with a 1-4 GeV Photon Beam (E12-25-005)
5.5
A
GlueX-II and JEF (E12-12-002, E12-12-002A)
5.5
A
GlueX-III and JEF-II (E12-24-006, E12-24-006A)
5.5
A
CEBAF Planned Downtime
Scheduled Accelerator Down
Accelerator Restorations and Energy Changes
DRAFT
12 November 2026
CAL 2027
Mar
Apr
May
Jun
Jul
Aug
Sep


FY-2027
FY-2028
FY-29
PAC GRADE
Experimental Hall A
MOLLER Installation & Beam Studies
MOLLER Commissioning and Checks (E12-09-005)
A
MOLLER Production (E12-09-005)
A
Experimental Hall B
X17 Boson Search (E12-21-003)
A
CLAS12 Commissioning
Run Group E: Quark Propagation & Hadron Formation
A-
CLAS12 High-Luminosity Test
Run Group C: Polarized Deuteron (ND3)
A
Run Group G: Polarized 7LiD (E12-14-001)
A-
22 weeks
26 weeks
Experimental Hall C
Beam-Normal Single-Spin Asymmetry in Nuclei (E12-24-007)
A
Kaon L/T Separations (E12-09-011)
B+
Pion Color Transparency (E12-06-107)
B+
u-channel pi0 Electroproduction (E12-20-007)
B
Strangeness D-term via phi Electroproduction (E12-25-007)
A-
Nuclear Dependence of R = sigma_L/sigma_T (E12-14-002)
A-
VCS: Proton Generalized Polarizabilities (E12-23-001)
A-
Hypernuclear Installation
Experimental Hall D
GlueX with a 1-4 GeV Photon Beam (E12-25-005)
A
GlueX-II and JEF (E12-12-002, E12-12-002A)
A
GlueX-III and JEF-II (E12-24-006, E12-24-006A)
A
SRC: Threshold J/psi Photoproduction on Nuclei (E12-25-002)
B+
CEBAF Planned Downtime
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CAL 2026
CAL 2027
CAL 2028
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CEBAF 2037 Kick-off Meeting: MIT, 10 to 11 December

CEBAF 2037

The Future of the Continuous Electron Beam Accelerator Facility

Please come!! The longer-term CEBAF schedule will be presented.

https://indico.jlab.org/event/1108/