



[A-Z INDEX \(/A-Z-INDEX\)](#)

[NEWS RELEASES \(/USER?\)](#)

[ARCHIVES \(/NEWS/RELEASES/ARCHIVE/\)](#) [NUCLEAR SCIENCE ADVISORY COMMITTEE ISSUES PLAN FOR U.S. NUCLEAR PHYSICS RESEARCH](#)

2018 (31) [PHYSICS-RESEARCH](#)
[\(/news/releases/archive/2018\)](#)

November (8) [HOME \(/\)](#) [ABOUT \(/ABOUT\)](#)
[\(/news/releases/archive/2018/11\)](#)

October (1) [SCIENCE \(/RESEARCH/SCIENCE\)](#)
[\(/news/releases/archive/2018/10\)](#)

September (1) [CAREERS \(/HUMAN_RESOURCES\)](#)
[\(/news/releases/archive/2018/09\)](#)

August (4)
[\(/news/releases/archive/2018/08\)](#)

July (5)
[\(/news/releases/archive/2018/07\)](#)

June (2)
[\(/news/releases/archive/2018/06\)](#)

May (3)
[\(/news/releases/archive/2018/05\)](#)

April (4)
[\(/news/releases/archive/2018/04\)](#)

March (3)
[\(/news/releases/archive/2018/03\)](#)

February (2)
[\(/news/releases/archive/2018/02\)](#)

January (3)
[\(/news/releases/archive/2018/01\)](#)

2017 (46)
[\(/news/releases/archive/2017\)](#)

December (2)
[\(/news/releases/archive/2017/12\)](#)

November (5)
[\(/news/releases/archive/2017/11\)](#)

October (4)
[\(/news/releases/archive/2017/10\)](#)

NUCLEAR SCIENCE ADVISORY COMMITTEE ISSUES PLAN FOR U.S. NUCLEAR PHYSICS RESEARCH

WASHINGTON, DC – Today, the Nuclear Science Advisory Committee issued its 2015 Long Range Plan for Nuclear Science. (http://scier.energy.gov) a committee composed of eminent scientists who have recommendations on future research in the field. A new every five-seven years to assure that priorities reflect the

The top recommendation gives priority to capitalizing on the 12 GeV Upgrade of the Continuous Electron Beam

In its first recommendation, the committee lists current opportunities. Continuing the research program with Jefferson Lab's "forefront program of research and to probe the Standard Model must be realized."

The laboratory and its user community of visiting scientists are commissioning activities.

The committee's first recommendation also recommends the development of a program of fundamental systems at Brookhaven National Lab.

In addition, the committee recommended development of a program following the completion of FRIB," with the aim of keeping the laboratory at the forefront of nuclear physics research.

An Electron-Ion Collider would provide new capabilities for studying the particles called quarks and gluons build protons, neutrons and nuclei.

The other two major recommendations concern developing a program of increasing investment in small- and mid-scale "projects" at Jefferson Lab has been working to develop small- and mid-scale projects at CEBAF.

"Jefferson Lab looks forward to DOE and NSF adoption of the vision for nuclear physics in the coming years and to implement a Governor's Distinguished CEBAF Professor at the Coll

September (2)

(/news/releases/archive/2017/09)

August (5)

(/news/releases/archive/2017/08)

July (4)

(/news/releases/archive/2017/07)

June (2)

(/news/releases/archive/2017/06)

May (8)

(/news/releases/archive/2017/05)

April (2)

(/news/releases/archive/2017/04)

March (5)

(/news/releases/archive/2017/03)

February (3)

(/news/releases/archive/2017/02)

January (4)

(/news/releases/archive/2017/01)



Electron-Ion Collider - Jefferson Lab, Artist's Conception

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Contacts:

John Warren, Public Affairs Manager, 757-269-7689, jwar

Deb Magaldi, Public Affairs Associate, 757-269-5102, m

Kandice Carter, Science Writer, 757-269-7263, kcarter@jl

Jefferson Science Associates, LLC, a joint venture of the Southeastern U
Accelerator Facility, or Jefferson Lab, for the U.S. Department of Energy's

DOE's Office of Science is the single largest supporter of basic research i
challenges of our time. For more information, visit science.energy.gov (h

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[News \(/pressroom/newsarchives\)](#)

[Press Room \(/pressroom\)](#)

[Visiting \(/visiting\)](#)

FOR RESEARCHERS (/SCIENTISTS)

[Accelerator Science \(/accelerator\)](#)

[EIC Center \(https://www.eiccenter.org/\)](https://www.eiccenter.org/)

[Engineering \(/engineering\)](#)

[Nuclear Physics \(/physics\)](#)

[Publications \(/IT/Publications\)](#)

[Theory Center \(/theory\)](#)

[User Registration \(/physics/user-liaison\)](#)

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FOR BUSINESS (/BUSINESS-SERVICES)

[Emergency Preparedness \(/eshq/emergmgt\)](#)

[Phone Book \(https://misportal.jlab.org/mis/staff/staffsearch.cfm\)](https://misportal.jlab.org/mis/staff/staffsearch.cfm)

[Procurement \(/finance/procurement\)](#)

[Small Business Program \(/finance/procurement/smallbusiness\)](#)

[Technology Transfer \(/techtransfer\)](#)

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