





# FY2018 LABORATORY AGENDA

MISSION		We support the DOE Office of Science and serve the Nuclear Physics User Community as a world-leading center for fundamental nuclear science and associated technologies		
SCIENCE & TECHNOLOGY	STRATEGIC OUTCOMES	 Enable scientific discoveries by the Nuclear Physics User Community through our unique, world leading facilities and capabilities	 Plan for future facilities and capabilities to realize the long-term scientific goals in Nuclear Physics research	 Provide technology solutions that support the NP community, the larger DOE mission and societal needs
	MAJOR INITIATIVES	<ol style="list-style-type: none"> <li>1 Operate CEBAF accelerator and experimental facilities to execute the FY18 experimental nuclear physics program</li> <li>2 Prepare CEBAF accelerator and experimental equipment for future 3-5 year experimental physics program</li> <li>3 Perform R&amp;D to enable enhanced performance and future new capabilities for CEBAF and experimental halls</li> <li>4 Perform theoretical research in support of the CEBAF 12 GeV program</li> <li>5 Perform theoretical and experimental research in support of the broader NP research community</li> <li>6 Provide software and computational resources for theoretical and experimental nuclear physics research</li> </ol>	<ol style="list-style-type: none"> <li>1 Continue to develop the MOLLER and SoLID initiatives</li> <li>2 Perform Accelerator R&amp;D towards an Electron Ion Collider</li> <li>3 Perform Detector R&amp;D towards an Electron Ion Collider</li> <li>4 Pre-project design and planning for an Electron Ion Collider</li> <li>5 Engage with the EIC user community and further develop the anticipated scientific program for a future Electron Ion Collider</li> <li>6 Develop and expand expertise in Scientific Computation and Data Science</li> </ol>	<ol style="list-style-type: none"> <li>1 Execute LCLS-II activities to produce project deliverables</li> <li>2 Perform R&amp;D to enable other future (non-CEBAF, non-EIC) accelerator capabilities and enhance the reputation of JLab in SRF and large-scale cryogenics</li> <li>3 Perform R&amp;D on topics with potential commercial applications to facilitate transfer of the Lab's technology beyond nuclear physics</li> </ol>
OPERATIONS	STRATEGIC OUTCOMES	 Provide, protect, and improve the human, physical and information resources that enable world class science		
	MAJOR INITIATIVES	<ol style="list-style-type: none"> <li>1 Business Process Streamlining</li> <li>2 IT Service Modernization</li> <li>3 Cyber Operations Laboratory</li> </ol>	<ol style="list-style-type: none"> <li>4 Facilities Engineering and Reliability Enhancement</li> <li>5 Alternate Work Schedule</li> <li>6 Website Redesign and Upgrade</li> </ol>	<ol style="list-style-type: none"> <li>7 ISMS Performance Enhancement</li> <li>8 Enhanced Self-Assessment</li> <li>9 Reduced Material and Supply Cost Through Improved Commodity Sourcing</li> <li>10 Total Time Accounting</li> </ol>