At Brookhaven National Laboratory, we all play a part in tackling some of the most important questions in science and technology. Brookhaven is home to world-class facilities and experts in a variety of fields – from nuclear physics to energy research and quantum computing. We've also joined the fight against COVID-19. And we keep our legacy going every day by hiring those who are excited by innovation and pursue curiosity with passion.

Control Systems Group Leader – Position Announcement

Brookhaven National Laboratory was recently chosen as the building site for the Electron-Ion Collider (EIC), a one-of-a-kind nuclear physics research facility. The EIC will be a discovery machine for unlocking the secrets of the "glue" that binds the building blocks of visible matter in the universe. Beyond sparking scientific discoveries in a new frontier of fundamental physics, the Electron-Ion Collider will trigger technological breakthroughs that have broad-ranging impact on human health and national challenges.

Working with Accelerator Physicists, Systems Managers, and technical leads, the EIC Control Systems Group Leader will design, develop, and deliver all EIC accelerator Control Systems and components. This will comprise the Controls System core servers, core software and network, hardware and software interfaces to the accelerator technical system components, high level application software, UIs and displays, logging and archiving systems, and software development tool chains. The Control Systems Group Leader will hire and manage a team which may include Scientists, Engineers, IT staff, and Technicians, as well as, lead matrixed staff and contractors, and coordinate efforts with similar groups at partner laboratories and institutions.

Key Qualifications Include:

- 12+ years of relevant technical experience, to include experience managing personnel and projects, and a demonstrated record of successes with progressively increasing responsibilities
- Experience in the specification, design, procurement, fabrication, construction, test, installation, commissioning, and operation of accelerator controls systems
- Broad knowledge of modern accelerator control systems, modern software development techniques and tools, high performance distributed systems, high performance control hardware (FPGA, SOC, SOM)
- Bachelor's Degree in Computer Engineering, Electrical Engineering, Physics, or related discipline

Our comprehensive benefits package includes medical, dental, and vision coverage as well as an employer-contributed retirement plan, 401(k) plan, flexible work arrangements, and tuition assistance. We offer a culture of innovation, collaboration and continuous learning,

See a full job description and apply today, https://jobs.bnl.gov/job/upton/control-systems-group-leader/3437/4471106928

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