

Welcome to The 2-day focused workshop on Electroproduction

To exploring Hadrons with Electromagnetic Probes: Structure, Excitations, Interactions, ...

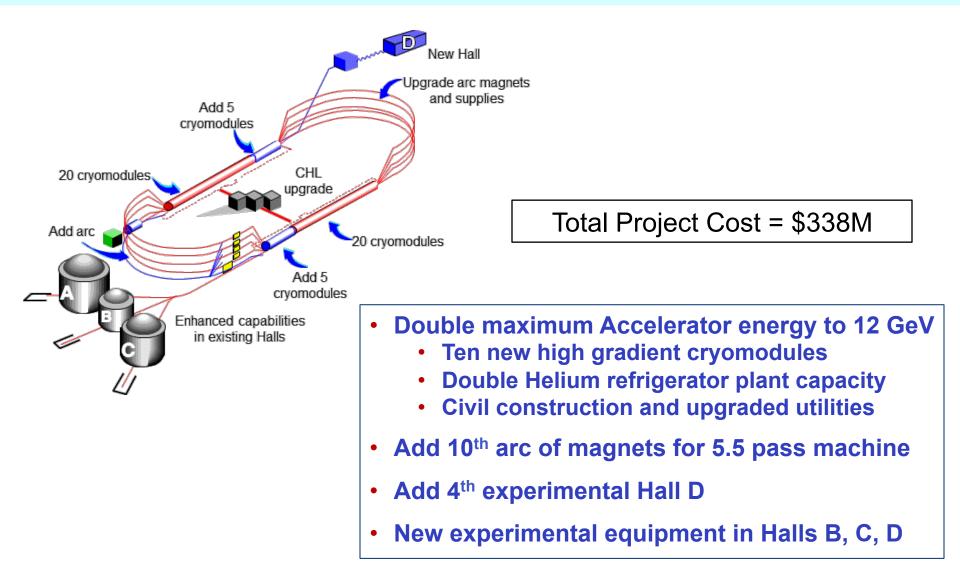
> Jianwei Qiu Theory Center

Thomas Jefferson National Accelerator, VA, November 2-3, 2017





12 GeV CEBAF Upgrade Project is Complete!

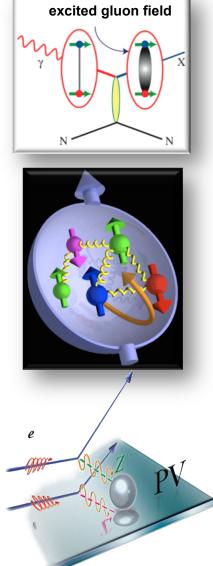


Project Completion Approved September 27, 2017

Jefferson Lab @ 12 GeV Science Questions

- □ What is the role of gluonic excitations in the spectroscopy of light mesons?
- Where is the missing spin in the nucleon? Role of orbital angular momentum?
- Can we reveal a novel landscape of nucleon substructure through 3D imaging at the subfemtometer scale?
- Can we discover evidence for physics beyond the standard model of particle physics?

How to deliver the physics results of JLab12 GeV program quickly and more effectively?



This two-day workshop ...

□ Will focus on these physics topics:

- ♦ Hadron imaging with hadron processes
- Hadron spectroscopy with electromagnetic and hadronic probes
- ♦ Hadrons in the nuclear medium and strangeness♦ ...

□ Will explore better interaction between

- ♦ Experiment, theory, and computation
- $\diamond\,$ Better ways to analyze and present the data
- ♦ ...

□ Will promote potential interactional collaborations With South Korean Physicists in hadron physics, ...

Finally ...

□ Continue support this kind of focused effort, and close interactions ...

□ Look forward to the exciting discussions, ...

□ Enjoy the workshop!

Welcome!