

ACCELERATOR SEMINAR

“Pre-Boosters Design Studies for the Medium Energy Electron Ion Collider at JLab”

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Electron Light Ion Collider (ELIC) is envisioned as a future upgrade of CEBAF at JLAB. The Medium-Energy Electron Ion Collider (MEIC), which has scaled down parameters of the ELIC is being considered as an intermediate goal to be achieved in the near term. A figure-8 shaped pre-booster ring is one of the main components of MEIC. Design studies are currently underway at Argonne in collaboration with JLab to provide an optimized design meeting all the requirements. In this talk we will present the status of the design work and well as discuss the new simulation tools and techniques developed for the purpose.

Thursday, December 2, 2010

3:30 p.m. – 4:30 p.m.

CEBAF Center, Room F113

Coffee begins at 3:00 p.m.