

7th LNF Mini-workshop series: JLab at 12 GeV: New opportunities in hadronic physics

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Quarks and Gluons in and through the Nucleus

Tuesday, 18 December 2012 16:00 (30 minutes)

I will discuss how the 12 GeV upgrade at Jefferson Lab can impact our understanding of QCD in the nucleus, focusing in particular on nucleon in-medium modifications, the EMC effect, and quark propagation through cold QCD matter. The possibilities offered by the 12 GeV upgrade at Jefferson Lab will be considered in the context of the recent experimental and theoretical progress, and of the perspectives offered by a future Electron-Ion Collider.

Presenter: Dr ACCARDI, Alberto (Hampton Univ. and Jefferson Lab, USA)

Session Classification: JLab at 12 GeV: New opportunities in hadronic physics