

# High Energy Physics Seminar

## Department of Physics

**Date: Thursday, October 30, 2014**

***“New insights on initial-state fluctuations, QGP fluid from pA  
and AA at the LHC”***

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Rice University

**Abstract:** I will discuss some recent progress in understanding the nature of initial-state fluctuations and properties of Quark-Gluon Fluid in relativistic heavy ion collisions from the CMS experiment. Recently, new data from proton-lead collisions at the LHC challenged our traditional paradigm of a nearly perfect QGP fluid. I will talk about the implication of the new results from CMS and also discuss where we are going next in the future.

**This Seminar will be held at 2:30pm in 2214 SES**

**UIC Physics Department/SES is located at 845 W. Taylor Street, Chicago, IL, 60607**