

# Nuclear Science Division Seminar

## PandaX: A Dark Matter Experiment in Sichuan, China

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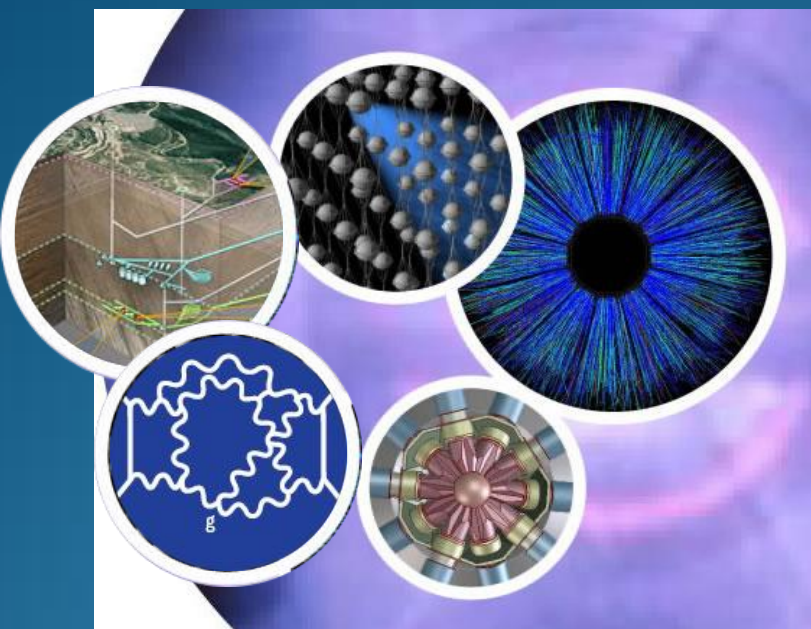
*University of Maryland  
Shanghai Jiao Tong University*

Tuesday

February 15, 2011

11:00 am

Bldg. 50-Auditorium



**Abstract:** In the southwest of Sichuan China, a deep underground tunnel provides an unprecedented opportunity to build one of the deepest science and engineering labs in the world. Since the first visit by physicists in 2009, a 6x6x40m experimental hall (JinPing lab) has been built, ready to start the first batch of experiments. In this talk, I will describe an effort to build a dual-phase xenon dark matter detector (PandaX) in China and to place it at the Jinping lab for dark matter search.



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