**Physics Seminar**

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  "*The Electromagnetic Calorimeters of PANDA*"

**Abstract:**

*The PANDA detector at the future FAIR facility is one of the main experiments focusing on anti-proton induced reactions exploiting the storage ring HESR providing a high quality and intensity beam.*

*One of the major components of the 4 detector systems are both calorimeters covering the target and the most forward regions. In the latter case, a shashlyk type sampling calorimeter will cover the range up to 10 degrees relative to the beam axis. The target region is covered by a high resolution crystal calorimeter based on PbWO4 scintillation crystals of high quality. The presentation will give a short overview of the whole detector and finally focus in detail on the PWO device, the design concept and the expected performance based on a series of test experiments with prototypes. The final construction has been started already to reach completion in 2018.*

**Monday, November 17, 2014**

**11:00 am**

**CEBAF Auditorium**