Colloquium
“News from PICO & COHERENT”

Speaker:
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Abstract:
I will discuss the most recent results from PICO, a search for particle dark matter using rather unconventional bubble chambers. I will then move on to COHERENT, an ongoing effort at ORNL’s Spallation Neutron Source seeking to exploit the recently-measured coherent neutrino-nucleus scattering (CEvNS) as a new tool for neutrino physics. The common ground between these two projects is the detection of keV and sub-keV nuclear recoils. The challenges in developing and understanding detector technologies sensitive to these will be emphasized.

4:15 pm
Jones Physical Science Center Room 409
(Rogers Seminar Room)

Hosted By:
Dr. Frank Avignone

Refreshments Served

Everyone Invited

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