

Abstract Submitted  
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**Liquid argon R & D at Yale** MATTHEW HARRISON, ALESSAN-  
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Liquid argon detectors are at the cutting edge of several present and/or proposed  
experimental activities in particle and astroparticle physics: neutrinos, Dark Matter,  
proton decay etc. Recently a great deal of attention has been paid to the scintillation  
light from liquid Ar. The Yale group is among the leaders of the US-based effort  
toward a multi-kiloton liquid argon time projection chamber for neutrino physics.  
Here we present results from the laboratory activities at Yale, in particular studies  
of light detection in liquid Ar.

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