



Contribution ID: 19

Type: **not specified**

The DarkLight Experiment –A Status Report

Tuesday, 16 October 2012 15:25 (35 minutes)

Interest in experiments probing physics Beyond the Standard Model (BSM) has increased in recent years. At Jefferson Lab, the LIPSS experiments demonstrated that new, high intensity accelerators can be used to explore regions of dark matter parameter space heretofore inaccessible. The status of promising experiments will be discussed, with a focus on DarkLight, one of three efforts at Jefferson Lab searching for the gauge boson A' . DarkLight will use a high current electron beam scattering off a gaseous hydrogen target.

Primary author: BOYCE, Jim (Jlab)

Presenter: BOYCE, Jim (Jlab)

Session Classification: Fixed target experiments III