

Abstract Submitted
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Simulation of Scalar Potential Model of photon diffraction JOHN

HODGE, Blue Ridge College, Flat Rock, NC — A model of the single slit experiment with particle-like light was proposed (SESAPS log. No. SES09-2009-000064). The model combined the Bohm interpretation with the Scalar Potential Model (SPM) of photons. A toy model computer simulation was developed. The pattern on the screen showed a pulse pattern rather than a diffraction wave pattern. Although showing promise, the model needs more work. The papers may be viewed at <http://web.citcom.net/~scjh/> .

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