

**Friday, November 6, 2015
4:10 – 5:00 PM
EPS103**

Elvis, John Wayne, and Quantum Plasmon Resonances – Where Dead Stars and Engineered Nanomaterials Collide

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and the

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Abstract:

Atomic, Molecular, and Optical (AMO) experimental physics research has traditionally been motivated by the needs of observational astronomers. This symbiotic relationship continues today, but increasingly the methods and techniques of AMO physics are finding new applications in other fields such as material science, biophysics, and medicine. In this presentation, the circuitous research path from astrophysical AMO to biomedical engineered nanomaterials is explored and new research avenues in physics, biophysics, and materials science in Montana are presented.

Host: Rufus Cone

***** Refreshments served in the EPS second floor atrium at 3:45 *****