

Abstract Submitted  
for the DAMOP19 Meeting of  
The American Physical Society

**Bessel-Bessel laser bullets: momentum and energy considerations**

YOUSEF SALAMIN, American University of Sharjah — Bessel beams carry orbital angular momentum (OAM). Opening up the Hilbert space of OAM to information coding makes Bessel beams potential candidates for utility in data transfer and optical communications. The ultra-short and tightly-focused analog of a non-diffracting and non-dispersing laser Bessel beam is often referred to as a laser bullet. Analytic expressions for the time-average densities of energy, linear momentum, energy flux, and angular momentum, associated with the fields of a laser *Bessel-Bessel bullet* in an under-dense plasma, are presented here.

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Date submitted: 04 Mar 2019

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