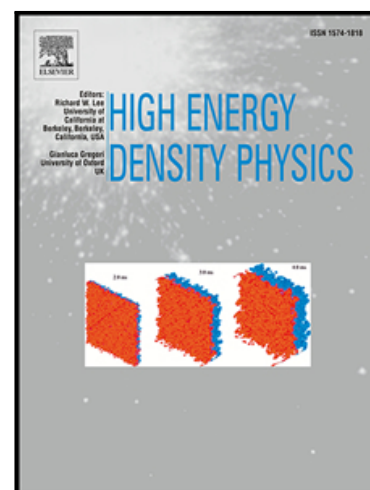


Accepted Manuscript

Electron acceleration from rest to GeV energy by chirped axicon Gaussian laser pulse in vacuum in the presence of wiggler magnetic field

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PII: S1574-1818(17)30087-3
DOI: [10.1016/j.hedp.2017.11.003](https://doi.org/10.1016/j.hedp.2017.11.003)
Reference: HEDP 639



To appear in: *High Energy Density Physics*

Received date: 8 February 2017
Revised date: 9 August 2017
Accepted date: 23 November 2017

Please cite this article as: Niti Kant , Jyoti Rajput , Arvinder Singh , Electron acceleration from rest to GeV energy by chirped axicon Gaussian laser pulse in vacuum in the presence of wiggler magnetic field, *High Energy Density Physics* (2017), doi: [10.1016/j.hedp.2017.11.003](https://doi.org/10.1016/j.hedp.2017.11.003)

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Highlights

- Influence of wiggler magnetic field on electron acceleration is noticed.
- Observe about 10.5GeV electron energy in the presence of wiggler magnetic field.
- Optimization of chirped axicon laser parameters for enhanced electron acceleration.
- Sensitiveness of chirp and wiggler magnetic field on electron acceleration.

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