## HIPSTARS 2024 - Workshop on Heavy Ion Physics and Compact Stars



Contribution ID: 12 Type: Talk

## Photon magnetic properties and radiation pressures in nonlinear electrodynamics

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Starting from the quadratic expansion in the photon fields of non-linear electrodynamics Lagrangian model, we study relevant vacuum properties in a scenario involving the propagation of a photon probe in the presence of a background constant magnetic field.

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