

NAME: **Javier Redondo**

Email: redondo@ifae.es

AFFILIATION: Theoretical Physics Department and IFAE, Autonomous University of Barcelona.

TITLE: Can the PVLAS particle be compatible with the astrophysical bounds?

ABSTRACT:

The current astrophysical bounds on axion-like particles and millicharged particles exclude the interpretation of the PVLAS results in terms of any of those candidates. I discuss possibilities in which these strong restrictions could be in principle circumvented.