

The Sun and its Planets as detector for invisible matter

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Abstract

Gravitational lensing of invisible streaming matter towards the Sun could explain the puzzling solar flares and the unexplained solar emission in the EUV. One would expect a more pronounced solar activity at certain planetary positions. This is best demonstrated in the case of the 3 inner planets, with their relatively short revolution. We have analyzed the solar flares as well as the EUV emission. We observe statistically significant signals. An update of this work at the time of the workshop will be presented.

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