

Interactive comment on “Meteor velocity determination with plasma physics” by L. P. Dyrud et al.

Anonymous Referee #2

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The authors suggest using a plasma instability occurring in meteor trails to give better estimates for the velocity of meteors. The suggestion is new, and if indeed applicable, it would be a useful approach to complement other techniques.

The theoretical background of this approach was published elsewhere. To make this paper more self-contained, a brief summary of that work would greatly improve the current manuscript.

There was a series of suggestions for improvement by an anonymous referee (#1) that I fully agree with and would like to ask the authors to include in their final paper.

Interactive comment on Atmos. Chem. Phys. Discuss., 4, 1247, 2004.

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Discussion Paper