



ID de Contribution: 69

Type: Oral presentation

Meteor Showers: from D-criteria to chaos map

jeudi 24 mars 2022 14:45 (10 minutes)

Meteor showers are born when a single parent body (comet or asteroid) ejects several meteoroids, forming a stream which then meets the Earth.

A large number of meteor showers are recorded today, which would mean a similar large number of parent bodies existed in the near-Earth region in a recent past. This casts a doubt on methods used to find meteor showers. These methods rely on D-criteria, which will be critically examined here.

A new tool to study meteor showers will also be presented: chaos maps. First results on this type of maps will be shown as well.

Field

Planetology (including small bodies and exoplanets)

Day constraints

I am available on March 23rd and March 24th.

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Classification de Session: Talk

Classification de thématique: Astrophysics