Meteor trajectory and orbital data by AMOS from Slovakia and Canary Islands

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Introduction

The Slovak Video Meteor Network based on four stations from October 2013 (double station from 2009) [1, 2] and two cameras on Canary Islands [3] from March 2015 have recorded several tens of thousands meteors by the end of 2015. Naturally, only a part (about 20%) was observed simultaneously. Using precise all-sky astrometry [4] and our own trajectory and orbit program [2] based on [5], we gained the high quality video meteors database for further meteor studies.

![Fig 1 An example of the radiant distribution of 1539 meteors from AMOS-CI (March15 - August15, 2015).](image)

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References