IAU Meteor Data Center

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Meteor Data Center — short history

IAU MDC beginning

- -> 1976 — meteoroid photographic orbital data were widely scattered in the scientific literature with limited circulation
- meteoroid radio data has been available as internal observatory listings or on magnetic tapes
- 1976 — IAU GA (Grenoble, France), Commission 22 proposed that a meteor data center be established at the Lund Observatory, Sweden
- MDC — collection of meteor observations by photographic and radio techniques.
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- two-station photographic, video or radio orbits are archived
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- 2001 — next version: 4581 photographic meteors, 1425 video meteors, 63330 radar recordings. (Lindblad, Porubčan, Neslušan, Svoreń) similar structure, more extensive check of internal consistency
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- goals: collection of meteoroid data (observed, calculated),...
- solution: web application
- tools: MySQL, PHP, JavaScript, HTML (free)

General structure

1. user interface
2. administrator interface

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