



Amateur - professional collaborations in planet observations

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Abstract

The different fields of amateur and professional collaborations are reviewed, with a special emphasis on the organisations coordinating the amateur activity. Current and future challenges for successful amateur data sharing and processing are discussed.

1. Overview

New technologies and increasing power of investigation are putting new challenges on the exploitation of amateur data both on main and minor planets. We will introduce the session by reviewing the following issues:

- Asteroid astrometry: the importance of current amateur contributions and future perspectives
- Asteroid physical properties: amateur contributions and forthcoming surveys; impact on shape models, occultation observations, etc.
- Planetary observations: surveying the planet atmospheres.