

---

# CCD astrometry of NEOs

William Thuillot<sup>\*1</sup> and Sébastien Bouquillon<sup>\*2</sup>

<sup>1</sup>Institut de Mécanique Céleste et de Calcul des Ephémérides – Université de Lille, Sciences et Technologies, Université Pierre et Marie Curie - Paris 6, Observatoire de Paris, Centre National de la Recherche Scientifique – France

<sup>2</sup>SYRTE, Observatoire de Paris – Observatoire de Paris, Centre National de la Recherche Scientifique - CNRS – France

## Résumé

We will devoted this session to the astrometric analysis of CCD images obtained during the observing sessions of the two previous midnights(\*). We will explain the process to apply to get calibrated the images, then to apply stellar astrometry, identify the moving objects and to get the celestial coordinates of these objects. The students will apply the process to their images and will be able to compare each other, and to compare with theoretical positions for known objects.

(\*) In case of unsuccessful observations, already registered CCD images will be provided for this training.

---

\*Intervenant