

Workshop :
**« The outer solar system :
dynamics, formation and
observation »**

Sala S

Dipartimento di Matematica

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Via Carlo Alberto 10

Program :

Monday October 28th:

**9h15-10h : Oort cloud comets as a tracer
of the Oort cloud structure (M. Fouchard)**

10h-10h45 : A fingerprint of an Oort disk in the known long period comets sample (A. Higuchi)

10h45-11h15 coffee break

11h15-12h15 : The Oort Cloud and the Sun's birth cluster (H. Rickman)

12h15-14h: lunch break

14h-15h45 : Discussion on the Oort cloud formation. How can we put some constraints of the formation process ?

Tuesday October 29th:

9h15-10h15 : Chaos in the inert Oort cloud (M. Saillenfest)

10h15-11h : Fast chaos in the outer planetary region (G. Valsecchi)

11h-11h30 coffee break

11h30-12h15: Comets as indicators of dynamical processes in the outer Solar system (V. Emelyanenko)

12h15-14h: lunch break

14h-15h45 : Discussion on the dynamics on objects beyond Neptune and what fingerprint can we expect from objects coming

Wednesday October 30th:

9h15-10h : The different catalogues of comets (T. Ito)

10h-10h45 : Observation of "dark comets" using Subaru Telescope (T. Ito)

10h45-11h15 : coffee break

11h15-12h: The catalogue of comets under construction at IMCCE (L. Maquet)

12h15-14h: lunch break

14h-15h45 : Discussion on the difficulties to get reliable original orbital elements and to compare the already existing catalogue.