

## PRELIMINARY ANNOUNCEMENT

# ESO Workshop on Minor Bodies in the Outer Solar System

ESO Headquarters, Garching, Germany

November 2–5, 1998

A four-day ESO Workshop on Minor Bodies in the Outer Solar System (ESO MBOSS-98), their orbital and physical characteristics, as well as their origins and inter-relationships will be held at a time when several new observational facilities, including the ESO Very Large Telescope (VLT), are about to enter into operation. With larger collecting areas and equipped with a host of advanced instruments, they have the potential of revolutionising observational studies of these faint objects. An overview of this active research field at this time will therefore provide an important contribution to the efficient planning of these investigations.

This is a hot subject in current solar-system studies. There is an image emerging of interconnections between Jovian Trojans, the Centaurs, the newly found classes of TNO's, comet nuclei, interplanetary dust and the icy moons of outer planets, including Pluto itself. The ESO Workshop will allow observers and theoreticians to get together and to discuss plans for future studies in this rapidly evolving field. The emphasis will be on establishing a comprehensive, overall picture which attempts to describe the formation, evolution and interaction of these components.

The meeting will be held in the ESO main auditorium, and the number of participants is therefore limited to a maximum of approximately 120.

### The main topics of the Workshop will be the following:

- Inventory of Minor Bodies in Outer Solar System (overview)
- Outer Solar System reservoirs (Outer Main Belt and Trojans; Centaurs and Interplanetary Rings; TNO's and Edgeworth-Kuiper Belt; Trans-Neptunian Disk and Oort Cloud)
- Orbital dynamics and evolution (High-precision orbital determinations; Resonance trapping; Similarity and diversity of orbital types; Pathways between the reservoirs)
- Physical properties (Size, shape and rotation; Composition and atmospheres)
- Physical interrelationships (Transitional asteroid/comet cases; Interplanetary dust)
- Origin and physical evolution (Theories of planetary formation; Collisional history; Growth and physical evolution)
- Future lines of research (Research possibilities with new generation of very large telescopes; Spacecraft missions; Innovative techniques; Collaboration/coordination)

### Scientific Organising Committee:

Rudi Albrecht (ST/ECF, Garching, Germany); Mark Bailey (Armagh Observatory, N. Ireland, UK); Hermann Boehnhardt (ESO, Santiago, Chile); Martin Duncan (Queen's University, Kingston, Ontario, Canada); Julio A. Fernandez (Universidad de la Republica, Montevideo, Uruguay); Alan Fitzsimmons (Queen's University, Belfast, N. Ireland, UK; SOC Chair); David Jewitt (Institute of Astronomy, Honolulu, Hawaii, USA); Hans Rickman (Astronomiska Observatoriet, Uppsala, Sweden); Alan Stern (South-West Research Institute, Austin, Texas, USA); Jun-ichi Watanabe (National Observatory, Tokyo, Japan); Richard West (ESO, Garching, Germany; LOC Chair)

More details and a registration form can be found at: <http://www.eso.org/gen-fac/meetings/mboss98/> or contact: [rwest@eso.org](mailto:rwest@eso.org) for more information or one of the SOC members.

1271. P.A. Woudt et al.: Multiwavelength Observations of a Seyfert 1 Galaxy Detected in ACO 3627. *A&A*.  
1272. E. Tolstoy et al.: WFPC2 Observations of Leo A: A Predominantly Young Galaxy within the Local Group. *The Astronomical Journal*.  
1273. Th. Rivinius et al.: Stellar and Circumstellar Activity of the Be Star  $\mu$  Cen. II. Multiperiodic Low-Order Line-Profile Variability. *A&A*.

DICHIRICO, Canio (I), Temporary transfer to Paranal  
GIORDANO, Paul (F), Temporary transfer to Paranal  
DOUBLIER, Vanessa (F), Fellow La Silla  
PATAT, Ferdinando (I), Fellow La Silla  
MARCO, Olivier (F), Fellow La Silla  
VANZI, Leonardo (I), Fellow La Silla  
SELMAN, Fernando (RCH), Associate

## PERSONNEL MOVEMENTS

### International Staff (1 April – 30 June 1998)

#### ARRIVALS

##### EUROPE

MØLLER, Palle (DK), User Support Astronomer  
TOLSTOY, Eline (NL), Fellow Garching

##### CHILE

FRANÇOIS, Patrick (F), Astronomer  
STERZIK, Michael (D), Astronomer

#### DEPARTURES

##### EUROPE

HERLIN, Thomas (DK), Software Engineer  
HESS, Matthias (D), Mechanical Engineer  
VAN DIJSELDONK, Anton (NL), Opt. Lab. Technician  
KAPER, Lex (NL), Senior Fellow Garching  
BÜTTINGHAUS, Ralf (D), Mechanic  
CRANE, Philippe (USA), Astronomer/Physicist

##### CHILE

GREDEL, Roland (D), Astronomer  
KRETSCHMER, Gerhard (D), Mechanical Engineer