Announcement of the Joint ESO/INAF-Arcetri Workshop on

Future Ground-based Solar System Research: Synergies with Space Probes and Space Telescopes

8–12 September 2008, Portoferraio, Isola d'Elba, Livorno, Italy

In the coming years fundamentally new observing platforms and space probes will become available for Solar System research. This workshop will provide a forum to review the state of the field and to discuss the use of these future facilities, especially to optimise and establish synergies.

The idea for this workshop came from the group of scientists who participated in the worldwide ground-based support and follow-up for NASA's Deep Impact experiment (c.f. Käufl et al. 2005, The Messenger 121, 11; Käufl and Sterken 2006, The Messenger 126, 48).

In order to further improve communication between the ground-based observers, the spacecraft experimenters and astrophysicists interested in star formation, planetary system formation as well as astrobiology, a set of invited reviews on the state of research as well as on the available present and future facilities is planned. To highlight what 'fundamentally new' means in this context for space missions, reference is made as an example to ESA's Rosetta mission, *en route* for a *rendezvous* with 67P/Churyumov-Gerasimenko in 2014. The spacecraft will stay orbiting the comet throughout its perihelion passage while dispatching a lander module. Previous missions to comets were of fly-by type with relative velocities of 15–75 km/s. In a similar sense JWST will provide precious observing capabilities not only for cosmology, but especially also for our own Solar System. The next generation of 30–40-m-class ground-based extremely large telescopes (ELTs) – including the Large Binocular Telescope as a steping stone towards the ELTs – will not only allow for unique observing capabilities within our own Solar System, but will also for the first time enable systematic searches – and hopefully detections – of direct radiation from representative extrasolar planets.

From the ESO point of view, particularly interesting is to develop a coherent set of large or key-project science cases for the European Extremely Large Telescope (E-ELT) and to ensure that the planned suite of instrumentation allows for optimum synergies between future space missions and the E-ELT.

We envisage a highly interactive meeting in a very pleasant historical setting within the 16th-century fortress of Portoferraio, built in Renaissance style as *Cosmopoli* on the initiative of Cosimo I. de' Medici. There is ample space for poster presentations. Proceedings of this workshop will be published in *Memorie della Societa Astronomica Italiana*.

The deadline for registration and receipt of abstracts is 1 July 2008.

Limited funds are available under the OPTICON programme for contributions in the context of the use of E-ELTs (for details see the conference web page).

For registration and more information please visit *http://www.eso.org/sci/meetings/elba2008* or *http://www.arcetri.astro.it/elba2008.*

Personnel Movements

Arrivals (1 January–31 March 2008)

Europe	
Bruton, Andrew (GB)	Mechanical Technician
da Rocha, Cristiano (BR)	Fellow
Karovicova, Iva (CZ)	Student
Kurz, Richard (USA)	Project Manager ALMA
Mallaband, Stephen (GB)	Senior Contract Officer
Santangelo, Gina (I)	Student
Schimpelsberger, Johannes (A)	Contract Officer
Specht, Alexandra (D)	Administrative Assistant
Stöckl, Josef (A)	Student
Szyszka, Cezary (PL)	Student
Zwaan, Martin A. (NL)	Astronomer
Chile	
Almeida, Pedro Viana (P)	Student
Caceres, Claudio (RCH)	Student
Fuenteseca, Eloy (RCH)	Mechanical Engineer
Jockel, Karl (D)	Chief Procurement Officer
Montironi, Katia (I)	Secretary/Assistant
Planesas, Pere (E)	Test Scientist
Ruppert, Jan (D)	Student
Salinas, Ricardo (RCH)	Student
Schmidt, Heidi (N)	Human Resources Officer
Ventura, Laura (I)	Education and Outreach Officer
Whyborn, Nicholas (GB)	Engineer

Departures (1 January–31 March 2008)

Europe	
Cesarsky, Catherine (F)	Senior Astronomer
de Jong, Jeroen (NL)	Applied Scienetist
Esteves, Raul (P)	Electronics Engineer
Gobat, Raphaël (CH)	Student
Marx, Beate (D)	Database Administrator
Oberti, Sylvain (F)	Optical Engineer
Rite, Charles (BR)	Software Engineer
Saitta, Francesco (I)	Student
Sierra González, María del Mar (E)	Software Engineer
Thillerup, Jesper (DK)	Electronics Technician
Chile	
Ageorges, Nancy (F)	Operations Astronomer
Bergman, Per Mikael (S)	Operations Astronomer
Carrasco, Cecilia (RCH)	Administrative Officer
Ederoclite, Alessandro (I)	Operations Astronomer
Harding, George (RCH)	Electrical Engineer
Jullo, Eric (F)	Student
Lopez, Ariel (RCH)	Telescope Instruments Operator
Morell, Merilio (RCH)	Telescope Instruments Operator
Naef, Dominique (CH)	Fellow
Parra, Jose (RCH)	Data Handling Administrator
Rahoui, Farid (F)	Student
Torres, Soraya (RCH)	Secretary