

ESO Workshop on

Science with the VLT in the ELT Era

8–12 October 2007, ESO Headquarters, Garching near Munich, Germany

The first of the ELTs (Extremely Large Telescopes) now under study could see first light in around 10 years when the ESO VLT will still be fully operational and receiving new second-generation instrumentation and upgrades. Even before then we will also have entered the ALMA (and JWST) era. This Workshop will provide a forum for the ESO community to debate and provide valuable feedback on how it expects the scientific use of the VLT and VLTI to evolve over this period and the priorities to be set in the next Call for Instrument Proposals expected to be issued in 2008.

Amongst the topics envisaged are: Science highlights illustrating unique VLT and VLTI capabilities; New science op-

portunities created by instruments becoming available in 2008–2012 (HAWK-I, X-Shooter, KMOS, SPHERE, MUSE, PRIMA, and possible second-generation VLTI instruments); Research priorities identified by ASTRONET, Radionet, ESA/ESO WGs; VLT and VLTI synergies with ELT, ALMA, JWST; ELT science priorities and possible first-light instruments; VLT and VLTI science priorities beyond 2012 and possible consequences for specialisation of telescopes and changes in operational models; Resources and concepts for new second-generation VLT instruments to be installed beyond 2012.

It is intended to invite review/overview talks to introduce these topics; to complement them with contributed papers and posters and to include ample time for discussion.

For more details please consult the web page <http://www.eso.org/vlt07> or e-mail vlt07@eso.org or contact the

Scientific Organising Committee: Alan Moorwood (Chair), Tom Herbst (Co-chair), Willy Benz, Mark Casali, Bruno Leibundgut, Yannick Mellier, Jorge Melnick

Local Organising Committee: Markus Kissler-Patig, Christina Stoffer, Iris Bronnert, Pamela Bristow



ESO
European Organisation
for Astronomical
Research in the
Southern Hemisphere

ESO is opening the following position of

International Cooperation Scientist

The successful candidate will support and assist the Director General in establishing agreements, and represent ESO in various international fora on the European and the international scene. Involvement is expected in the area of international cooperations and in European initiatives in astronomy, such as OPTICON, ASTRONET and RadioNet. Furthermore, she/he will be active in the cooperation with the Board of Directors of the journal *Astronomy and Astrophysics* and with the Forum of European Intergovernmental Research Organisations (EIROForum).

As an astronomer and member of the ESO Science Faculty the successful candidate will be expected and encouraged to conduct astronomical research up to 50 % of the time and participate actively in the scientific life of ESO. Research in areas directed towards effective use of the ESO facilities will be strongly encouraged.

The position requires a PhD in astronomy, physics, or equivalent. Candidates should have worked in astronomical research for several years and should be familiar with the European astronomy scene. A very good scientific publication record, excellent communication and interpersonal skills, the ability to work in a team, managerial abilities, and a good command of the English language are essential.

For details and to download an application form, please consult our home-page: <http://www.eso.org>. If you are interested in working in a stimulating international research environment and in areas of frontline science and technology, please send us your application in English to:

ESO Personnel Department
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*ESO is an equal opportunity employer.
Qualified female candidates are invited to apply.*

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