

67.A-0418(A) on 17 Sep 2001, VLT-Antu

Field	67	Mode	Viewer
Telescope	VLT-Antu		
Nights	2		
Programme		Normal	
Instrument	FOR51		
Observer	Hasinger/ Bergeron/ Giacconi/ Gilmozzi/ Cilli/ Nonino/ Rosati/ Norrmann/ Tarenghi/ Tozzi/ Zbrag		
Remarks	4R2		
Title	FOR51 spectroscopy of the <i>Chandra</i> /DDF-Newton Deep Field South		
Abstract		Abstract of Proposal	
Raw Products		File List	
Reduced Products		File List	
Publication		Publication List	

Figure 4: Observing Programme query result page (excerpt). Entries provide access to the proposal abstract, raw and possibly reduced products as well as further publications resulting from the same proposal.

telescope bibliography from which proposal and observation information can be accessed as described above.

NEW CHALLENGE FOR THE VIRTUAL OBSERVATORY

Online data in astronomy are increasing dramatically. The major astronomical journals are available in electronic format. New methodologies for information retrieval have to be applied in order to exploit these data repositories in the context of the Virtual Observatory. Implementing interoperable archives and communication protocols is a major task in order to enable knowledge discovery. Web-

based technologies and new user interfaces are part of this approach for which the ESO telescope bibliography is one example.

It serves several purposes:

- Bibliometrics and measuring scientific success by deriving statistics on the number of papers published per hierarchical level, e.g. observatory, telescope, instrument or programme ID.
- Access to proposal information, scheduling and archived raw data based on bibliographical references.
- Setting the pace towards the ongoing Virtual Observatory through the development of inter-connected databases.

The ESO telescope bibliography also endows maximum return of science benefits from observing proposals as it fulfils the basic requirement of providing access to each point of their life cycle.

REFERENCES

Accomazzi, A. & Eichhorn G. 2004, ADASS XIII, ASP Conference Series, vol. 314, 181
 Grothkopf, U., Leibundgut, B., Macchetto, D. et al. 2005, The Messenger, 119, 45
 Leibundgut, B., Grothkopf, U. & Treumann A. 2003, The Messenger, 114, 46
 Rasmussen, B. F. 1995, ADASS IV, ASP Conference Series, vol. 77, 72
 Schmitz, M., Helou, G., Lague, C. et al. 1995, *Vistas in Astronomy*, vol. 39, issue 2, 272

ESO EXHIBITIONS IN GRANADA AND NAPLES

ED JANSSEN, EUROPEAN SOUTHERN OBSERVATORY

From September 13–17 2004, the annual JENAM (Joint European and National Astronomical Meeting) conference was held at the Palacio de Congresos in Granada, Spain under the title ‘The many scales of the Universe’. At the conference, ESO maintained a 65 sqm exhibition stand showing the most recent scientific and technical achievements at the organisation. The conference was attended by over 450 participants, but also media and local politicians visited the event. The ESO stand drew great attention both from the conference participants and the media, resulting in several articles and television broadcasts in Spain.

Given Spain’s participation in the ALMA project and its interest in joining ESO, it is hardly surprising that among Spanish visitors and conference participants there was a strong interest in the presentation of ALMA and the OWL project, as well as in ESO in general. Many questions were asked and the attending ESO staff was busy with providing additional information material about our organization.

Jorge Melnick giving one of many interviews at the JENAM conference in Granada.

From November 10, 2004 to January 30, 2005, ESO took part in the ‘Futuro Remoto’ exhibition, held at the Città della Scienza in Naples, Italy. Città della Scienza is the first Italian science centre, an innovative museum where visitors can learn about science in an interactive way. Every year more than 150 000 guests, especially school pupils, visit the museum.

‘Futuro Remoto’ is a yearly multimedia event for the advancement of scientific and technological culture. In the past 17 years it has strongly contributed to bring the students and the citizens closer to scientific research and technological innovations. This is testified by an ever increasing flux of public, richness of programmes and media coverage.



ESO at the ‘Futuro Remoto’ exhibition.

The event consisted of exhibitions covering about 3 000 sqm as well as a series of public lectures by well-known scientists from Italy and abroad, including Seth Shostak, Margherita Hack, Paolo Nespoli and Massimo Capaccioli. Shows, workshops, interactive demonstrations, etc. completed this successful event. With about 31 000 visitors in the short period between 10th and 28th November, the organisers decided to extend the period of opening by a week. The success of ‘Futuro Remoto’ clearly demonstrated the strong interest in science by the Italian public and ESO was pleased to play a role in this public outreach activity.