

wide major telescopes during the 5-year period 1994–1998. These statistics (see Table below) clearly demonstrate the achievements of the ESO users' community in the use of the La Silla telescopes.

There is a striking increase by about a factor of 2 in the number of publications per year over the last 5 years for the larger La Silla telescopes as well as for the La Silla facilities as a whole. This is the strongest positive trend among all the 4-m-class telescopes, some of which have at best maintained their number of publications. The La Silla Observatory has become the most scientifically productive observatory in the world in terms of publications in refereed journals. The total number of publications per year of the 3.6-m telescope is now as high as that of the 4.2-m WHT, far above any other 4-m-class telescopes. It is expected that in the coming years this will also be the case for the NTT with its first-class instrumentation, since its yearly publications increased by a factor larger than 2 between 1995 and 1997 (results from observing missions conducted before the upgrade project).

Sources

The range of journals screened in order to compile the bibliographies depends on their availability in the corresponding library.

- ESO: Database of publications from the ESO users community (ESO staff and visiting astronomers; database maintained by A. Treumann, atreuman@eso.org). Statistics include only articles based on previously unpublished data.
- AAT: AAO Annual Reports 1994/95–1997/98. Statistics include also articles based on previously published data.
- CFHT: CFHT Web pages at <http://www.cfht.hawaii.edu/Science/Publications/>. Statistics include only articles based on previously unpublished data.

Number of Publications in Refereed Journals by Telescope

Telescope	1994	1995	1996	1997	1998
ESO 3.6-m		52	85	101	115
ESO NTT 3.5-m		43	77	93	77
ESO 2.2-m		53	59	81	73
All La Silla Telescopes	219	220	367	393	419
AAT 3.9-m (a)		59	87	84	80
CFHT 3.6-m	93	78	74	72	
CTIO 4-m (b,c)		75	91	64	59
All CTIO Telescopes (b,c)		171	194	135	152
HST (excl. HST Archive papers)	158	203	233	250	284
HST (incl. HST Archive papers)	162	217	269	289	344
Kitt Peak 4-m Telescope (d)		74	73	62	52
Kitt Peak WIYN 3.5-m) (d)				13	28
All Kitt Peak Telescopes (d)		276	299	270	270
:					
ENO William Herschel Telescope 4.2-m	78	90	100	113	118
ENO Isaac Newton Telescope 2.5-m	63	81	84	77	72
ENO Nordic Optical Telescope 2.5-m	18	20	26	36	37
All ENO Telescopes (e)		201	231	239	253

(a) From 1 July previous year to 30 June current year

(b) From 1 August previous year to 31 July current year

(c) Refereed journals and conference proceedings

(d) From 1 October previous year to 30 September current year

(e) ENO Telescopes: Isaac Newton Group of Telescopes, Instituto de Astrofísica de Canarias Telescopes, Nordic Optical Telescope

- CTIO: CTIO publications statistics as listed in the Annual Reports to the National Science Foundation; figures provided by Elaine Mac-Auliffe (mac@ctios1.ctio.noao.edu). Statistics are compiled by checking conference proceedings and those journals subscribed to by the observatory. Statistics include only articles based on previously unpublished data.
- HST: Statistics provided by STScI librarian Sarah Stevens-Rayburn (library@stsci.edu). Statistics include only articles based on previously unpublished data (except line "incl. HST Archive papers").
- Kitt Peak: Lists received from Kitt

Peak librarian Mary Guerrieri (maryg@noao.edu). Kitt Peak includes all articles that explicitly mention use of one or more KPNO telescopes. Statistics can include articles based on previously published data.

- ENO: Isaac Newton Group papers provided by Janet Sinclair (jes@mrao.cam.ac.uk). IAC publications: lists available on the WWW (<http://www.iac.es/gabinete/inves/publica/pi99.htm>), further explanations received from Monica Murphy (mem@iac.es), Judith Araoz (jav@ll.iac.es) and Tanja Karthaus (tanja@ll.iac.es). NOT: Nordic Optical Telescope Triennial Report (1995–1997) and Annual Report 1998.

ESO at the Hannover Fair

C. MADSEN, ESO

The Hannover Fair is the world's largest industrial fair. Each year more than 300,000 visitors from all over the world attend this major event which occupies 30 large exhibition halls. This year, about 7300 enterprises from 63 countries demonstrated their latest products and services, either at individual stands or within 'national' information stands.

Every year, one country is awarded a special status as the "Partner Country" of the Fair. In 1999, Chile enjoyed this status and this country presented itself and its achievements in a 1700 square metre 'pavillon' inside of Hall 4.



Figure 1: Ms. Edelgard Bulmahn, German Federal Minister for Education, accompanied by her aides, during the visit to the ESO exhibition.

In this framework and as a fitting illustration of the good relations between Chile and Europe, ESO was invited by the Chilean Ministry of Foreign Affairs to present itself, its activities in Chile and the astronomical research conducted by the scientific community. This dedicated ESO exhibition was located at the entrance to the pavilion and included a 26-m-long corridor ultimately leading up to a first floor 'market area' devoted to Chilean commercial products. The left-hand side of the corridor featured large pictures of the ESO sites and telescopes, whereas the right-hand side described the climate and geology of Chile by means of pictures and texts. An 8-m-long panoramic colour photo of the Milky Way was attached to the ceiling to illustrate the outstanding observing conditions found in the Chilean desert. On a platform at the end of the corridor, panels and short videos dealt with some of the key astronomical questions and challenges for the VLT. A model of the VLT was on display and the new ESO VLT video caused several 'traffic jams' in the corridor as many visitors paused to see the film in its entire length.

The ESO exhibition was opened on April 19 with a formal visit by the President of Chile, Don Eduardo Frei Ruiz-Tagle,



Figure 2: View of the ESO 'corridor'.

who demonstrated expert knowledge of technology and science at ESO, together with Mr. Gerhard Glogowski, Prime minister of Lower Saxony. On the following day, Ms. Edelgard Bulmahn, the German Federal Minister for Research, Mr. Werner Müller, Federal Minister of

Economics and Ms. Heidi Merk, Deputy Prime minister of Lower Saxony, paid visits to the ESO exhibition.

By April 24, when the fair closed, more than 20,000 people had passed through the ESO area, leaving behind an exhausted, but most satisfied ESO staff.

ANNOUNCEMENTS

PERSONNEL MOVEMENTS

International Staff

(1 April 1999 – 30 June 1999)

ARRIVALS

EUROPE

BLOCK, Roland (D), Personnel Officer/Head of Personnel
 BROADHURST, Thomas (UK), User Support Astronomer
 CRISTIANI, Stefano (I), Instrument Scientist/Astronomer
 DORN, Reinhold (D), CCD Detector Specialist
 FUCHS, Rainer (D), Legal Advisor
 GEIMER, Christoph (D), Electronics Technician
 GIANNONE, Gino (I/CH), Software Engineer
 HUXLEY, Alexis (GB), VLT Software System Manager for UNIX Computers
 JUNG, Yves (F), Scientific Applications Developer
 REYES, Javier (E), Electronics Engineer
 ROSATI, Piero (I), VLT Programme Scientist
 SCHÖLLER, Markus (D), VLT Instrument Scientist
 SIVERA, Paola (I), Software Engineer
 STRÖBELE, Stefan (D), Adaptive Optics Laboratory Engineer
 VEDSOE, Lone (DK), Accounting Assistant
 VERNET, Joël (F), Coopérant ST-ECF
 ZAMPIERI, Stefano (I), Archive System Designer and Database Engineer

CHILE

BRILLANT, Stéphane (F), Fellow
 KAUFER, Andreas (D), Operations Staff Astronomer
 LERNER, Mikael (S), SEST Microwave Engineer
 RANTAKYRÖ, Fredrik (S), Fellow
 SZEIFERT, Thomas (D), Operations Staff Astronomer

DEPARTURES

EUROPE

ANSORGE, Wolfgang (D), VLT Product Assurance Manager/
 Safety Manager
 GERDES, Rolf (D), Deputy Group Leader of the Optical Detector
 Group
 ZAIÉPOUR, Houri (F), Archive System Designer/Engineer
 ROSATI, Piero (I), Fellow
 VERNET, Joël (F), Student
 BALESTRA, Andrea (I), Associate
 STRÖBELE, Stefan (D), Student

CHILE

PERSSON, Glenn (S), SEST Software Engineer

Local Staff – Chile

(February–June 1999)

ARRIVALS

GARCIA, Enrique, Electronics Technician
 URETA, Eugenio, Construction Group Leader
 HERRERA, Gabriel, Maintenance Mechanical Technician
 LECAROS, Fernando, Telescope/Instruments Operator
 LOPEZ, Ariel, Telescope/Instruments Operator
 MONTANO, Nelson, Maintenance Mechanical Engineer
 FLORES, Erito, Maintenance Mechanical Engineer
 KASTINEN, Ismo, Telescope/Instruments Operator
 MCKINSTRY, Christopher, Telescope/Instruments Operator

DEPARTURES

MARÍN, Héctor, Dibuj. Diseñador/Supervisor de Terreno
 MORENO, Nicolás, Telescope/Instruments Operator
 RICHARDSON, Felipe, Software Engineer/Developer
 PIZARRO, María, Bilingual Secretary (VLT-SB Project)