

ESO, the European Southern Observatory, was created in 1962 to . . . establish and operate an astronomical observatory in the southern hemisphere, equipped with powerful instruments, with the aim of furthering and organizing collaboration in astronomy . . . It is supported by eight countries: Belgium, Denmark, France, Germany, Italy, the Netherlands, Sweden and Switzerland. It operates the La Silla observatory in the Atacama desert, 600 km north of Santiago de Chile, at 2,400 m altitude, where fourteen optical telescopes with diameters up to 3.6 m and a 15-m submillimetre radio telescope (SEST) are now in operation. The 3.5-m New Technology Telescope (NTT) became operational in 1990, and a giant telescope (VLT=Very Large Telescope), consisting of four 8-m telescopes (equivalent aperture = 16 m) is under construction. It will be erected on Paranal, a 2,600 m high mountain in northern Chile, approximately 130 km south of the city of Antofagasta. Eight hundred scientists make proposals each year for the use of the telescopes at La Silla. The ESO Headquarters are located in Garching, near Munich, Germany. It is the scientific-technical and administrative centre of ESO where technical development programmes are carried out to provide the La Silla observatory with the most advanced instruments. There are also extensive facilities which enable the scientists to analyze their data. In Europe ESO employs about 150 international Staff members, Fellows and Associates; at La Silla about 40 and, in addition, 150 local Staff members.

The ESO MESSENGER is published four times a year: normally in March, June, September and December. ESO also publishes Conference Proceedings, Preprints, Technical Notes and other material connected to its activities. Press Releases inform the media about particular events. For further information, contact the ESO Information Service at the following address:

EUROPEAN
SOUTHERN OBSERVATORY
Karl-Schwarzschild-Str. 2
D-8046 Garching bei München
Germany
Tel. (089) 32006-0
Telex 5-28282-0 eo d
Telefax: (089) 3202362
ips@eso.org (internet)
ESOMC0:IPS (decnet)

The ESO Messenger:
Editor: Richard M. West
Technical editor: Kurt Kjær

Printed by Universitäts-Druckerei
Dr. C. Wolf & Sohn
Heidemannstraße 166
8000 München 45
Germany

ISSN 0722-6691

tious when we deal with these matters. Even though cosmic collisions are bound to happen sooner or later, it would be very bad if we were ever suspected of deliberately creating a public scare by announcing a possible danger,

just to profit by the subsequent attention of the media. We are fortunate that astronomy is reasonably free from the problems that plague some of the much more "applied" sciences – let it continue to be so!
The Editor

Table of Contents

H. van der Laan: Jan Hendrik Oort (1900–1992) – Looking Ahead in Wonder . . .	1
Announcement of "2nd Miniworkshop on Large CCDs"	2
H. van der Laan: The Idea of the European Southern Observatory	3
G. Bachmann and M. Tarenghi: Developments in ESO/Chile	5
Paranal (October 1992)	6
R.M. West: ESO to Help Central and Eastern European Astronomers	8
Video from the ESO Information Service: The ESO Video Collection	9
The Editor: ESA Astronaut Claude Nicollier Visits ESO	9
A. Moorwood: ISAAC – Infrared Spectrometer and Array Camera for the VLT . . .	10
H. Dekker and S. D'Odorico: UVES, the UV-Visual Echelle Spectrograph for the VLT	13
L. Zago: The Choice of the Telescope Enclosures for the VLT	17
L. Zago: The VLT Enclosure from the User's Standpoint	19
U. Michold: Something is Going On in the ESO-Libraries	21
Announcement of SEST Users Meeting	24
C. Madsen: "Exploring the Universe" from the Desert Gate	24
IC 1396	25
H. Zodet: ESO in Milan. Some Notes on the Assembly of an ESO Exhibition	26
Professor Lodewijk Woltjer Elected to the French Academy of Sciences	27
Two European Astronomy Encounters in 1993	27
Staff Movements	27
N.S. van der Blik et al.: Profile of an ESO Key Programme: Standard Stars for the Infrared Space Observatory, ISO	28
G.F. Bignami et al.: SUSI Discovers Proper Motion and Identifies Geminga	30
R.M. West and O. Hainaut: New Object at the Edge of the Solar System	33
H. Hensberge et al.: Long-Term Stability in Classical Photometry	35
G. Cayrel de Strobel: The Contribution of Detailed Analyses of F, G, and K Stars to the Knowledge of the Stellar Populations of the Galactic Disk	37
New ESO Preprints (September–November 1992)	42
B. Barbuy et al.: A Study of T Tauri Stars and Li-Rich Giant Star Candidates	43
M.D. Guarnieri et al.: IR Stellar Photometry in Globular Clusters Using IRAC2 . . .	44
J. Storm and A. Moneti: Distances to Extragalactic RR Lyrae Stars Using IRAC2 . .	50
I.F. Mirabel: The Great Annihilator in the Central Region of the Galaxy	51
Announcement of "ESO/OHP Workshop on Dwarf Galaxies"	54
N. Lund: Keeping an Eye on the X-Ray Sky	55
R.F. Peletier and J.H. Knapen: Looking Through the Dust – the Edge-On Galaxy NGC 7814 in the Near-Infrared	57
L. Infante et al.: Dark Matter in CL0017 (z=0.272)	61
R. Gredel and U. Weilenmann: New Features of IRSPEC	62
H.U. Käuffel et al.: Timmi at the 3.6-m Telescope	67
A. Smette: Fire at the 1-m Telescope	70
H. Barwig and K.H. Mantel: Acknowledgement	70
F. Murtagh: Astronomical Data Handling: Windows of Opportunity and of Challenge	71
R. Hook: ESO Computer Networking	76
P. Grosbøl: Electronic Network Access to ESO	79
M. Crézé et al.: Report on ALD-II, Astronomy from Large Databases	80
ESO Image Processing Group: The New MIDAS Release: 92NOV	80
First Announcement of the 5th ESO/St-ECF Data Analysis Workshop	81
E.J. Wampler: FFT Removal of Pattern Noise in CCD Images	82
E. Gendron and N. Hubin: Adaptive Optics on the 3.6-m Telescope: News	84
R. de Ruijscher: Where is MIDAS Available?	85
The Editor: The End of the Earth?	87