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 organising collaboration in astronomy..." It is supported by ten countries: Belgium, Denmark, France, Germany, Italy, the Netherlands, Portugal, Sweden, Switzerland and the United Kingdom. ESO operates at two sites in the Atacama desert region of Chile. The new Very Large Telescope (VIT), the new Very Large Telescope (VLT), the largest in the world, is located on Paranal, a 2,600 m high mountain approximately 130 km south of Antofagasta, in the driest part of the Atacama desert where the conditions are excellent for astronomical observations. The VLT consists of four 8.2-metre diameter telescopes. These telescopes can be used separately, or in combination as a giant interferometer (VLTI). At La Silla, 600 km north of Santiago de Chile at 2,400 m altitude, ESO operates several optical telescopes with diameters up to 3.6 m and a submillimetre radio telescope (SEST). Over 1300 proposals are made each year for the use of the ESO telescopes. The ESO headquarters are located in Garching, near Munich, Germany. This is the scientific, technical and administrative centre of ESO where technical development programmes are carried out to provide the Paranal and La Silla observatories with the most advanced instruments. There are also extensive astronomical data facilities. ESO employs about 320 international staff members, Fellows and Associates in Europe and Chile, and about 160 local staff members in Chile.

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No.	Title	Price	
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Co	ontents		
TEL	ESCOPES AND INSTRUMENTATION		
	asquini et al.: Installation and Commissioning of FLAMES, the VLT Multifibre Facility	1	
F. Po ( K. K	epe, M. Mayor, G. Rupprecht: HARPS: ESO's Coming Planet Searche Chasing Exoplanets with the La Silla 3.6-m Telescopeuijken et al.: OmegaCAM: the 16k×16k CCD Camera for the VLT Survey Telescope	er. 9 15	
B. K	ilindemann: The VLTI – 20 Months after First Fringes		
Rob O. H	K. Wirenstrand: The Auxiliary Telescopes for the VLTI: a Status Report erto Gilmozzi and Jason Spyromilio: Paranal Observatory – 2002 lainaut: News from La Silla: Science Operations Department unusual views of La Silla	28	
REF	PORTS FROM OBSERVERS		
I. La / H	Santos, M. Mayor, D. Queloz, S. Udry: Extra-Solar Planets bbé, M. Franx, E. Daddi, G. Rudnick, P.G. van Dokkum, A. Moorwood, N.M. Förster Schreiber, HW. Rix, P. van der Werf, H. Röttgering, L. van Starkenburg, A. van de Wel, I. Trujillo, and K. Kuijken: FIRES: Ultradeep Near-Infrared Imaging with ISAAC of the Hubble Deep Field South		
ОТН	HER ASTRONOMICAL NEWS		
	Cissler-Patig: Summary of the Workshop on Extragalactic Globular		
iı	Cluster Systems hosted by the European Southern Observatory in Garching on August 27–30, 2002	42	
a	dindemann: The VLTI: Challenges for the Future. Workshop at Jenam 2002 in Porto	44	
(	haver and E. Van Dishoek: Summary of a Meeting on Science Derations with ALMA, held on Friday, 8 November 2002		
	ladsen: Celebrating ESO's 40th Anniversary	45	
(	Conference 'European Research 2002'		
Agre	ement Between the Government of the Republic of Chile and ESO fo	r	
	Establishing a New Centre for Observation in Chile – ALMA		
ANI	NOUNCEMENTS		
	Announcement of an ESO Workshop on High-Resolution Spectrosco		
ESC	n Astronomy  N Workshop on Large Programmes and Public Surveys  N Workshop on Large Programmes and Public Surveys	50	
Dan	connel Movements	51	
	ues Breysacher: Christa Euler - Thirty-Seven Years of Service with E		