

ANNOUNCEMENTS

IMPORTANT NOTICE

Please remember that the deadlines for Applications for Observing Time at La Silla have been changed to April 1 and October 1.

The deadline for Period 54 (October 1, 1994–April 1, 1995) is now April 1, 1994, and the deadline for Period 55 (April 1–October 1, 1995) is October 1, 1994.

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Time-Table of Council Sessions and Committee Meetings

March 29	Finance Committee
April 28	Council
May 2–3	Users Committee
May 5–6	Scientific Technical Committee
May 9–10	Finance Committee
May 24–27	Observing Programmes Committee
June 7–8	Council
November 3–4	Scientific Technical Committee
November 7–8	Finance Committee
November 22–25	Observing Programmes Committee
Nov. 30–Dec. 1	Council

Programmes Approved for Period 53

KEY PROGRAMMES

ESO No.	Principal Investigator	Title of submitted programme	Telescope
1-003-43K	de Lapparent et al.	A redshift survey of galaxies with $z \leq 0.6$ using multi-slit spectroscopy	NTT
1-012-43K	Bergeron et al.	Identification of high redshift galaxies with very large gaseous halos	NTT

ESO No.	Principal Investigator	Title of submitted programme	Telescope
1-023-49K	Böhringer et al.	Redshift survey of ROSAT clusters of galaxies	3.6m, 2.2m, 1.5m
2-001-43K	Miley et al.	A study of the most distant radio galaxies	NTT
2-007-43K	Cristiani et al.	A homogeneous bright quasar survey	2.2m, 1.5m, 0.9mDu
2-009-45K	Reimers et al.	A wide angle objective prism survey for bright QSO	3.6m, 1.5m, 0.9mDu
3-001-43K	Israel et al.	CO as a tracer for the molecular content of the Magellanic Clouds	SEST
4-004-51K	Turatto et al.	A photometric and spectroscopic study of supernovae of all types	3.6m, 2.2m, 0.9Du
5-001-43K	Mayor et al.	Radial velocity survey of southern late type Hipparcos stars	1.5m Danish
5-004-43K	Gerbaldi et al.	Astrophysical fundamental parameters of early-type stars of the Hipparcos Survey	1.5m
5-005-45K	Hensberge et al.	High precision radial velocity determinations for the study of the internal kinematical and dynamical structure and evolution of young stellar groups	3.6m
7-009-49K	Oblak et al.	CCD and conventional photometry of components of visual binaries	0.5m, 0.9mDu
9-002-49K	Epchtein et al.	Deep near infrared survey of the southern sky (DENIS)	1m
9-004-51K	Ferlet et al.	Is our halo dark matter made of compact objects?	GPO

The Comet Shoemaker-Levy-9/Jupiter collision (joint programme coordinated at ESO by R.M. West)	08030	Millimetre observations of post-impact molecules (SEST). IR observations (3.6m, NTT). CCD imaging, photometry, and spectrophotometry (1.5m Danish). Imaging of the Io Plasma Torus (1.5m Danish). Accurate pre-impact astrometry of S-L 9 (1.5m Danish). Imaging and surface polarimetry of the dust, and Fabry-Perot interferometry of the gas in S-L 9 with a specialized focal reducer (1m). Search for differences in the optical emission of the individual nuclei of S-L 9 (1.5m). High speed photometry of light echoes from impact of S-L 9 on Jupiter (1m).
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Name(s)	ESO No.	Title of submitted programme and telescope(s)
Abbott/Pasquini/Fleming	06002	Time-Series CCD Photometry of Cataclysmic Variables Discovered by ROSAT (0.9m Dutch).
Acker/Stenholm/Stasinska/Gesick/Tylenda/Gorny	04027	Galactic Bulge Planetary Nebulae: Physical and Chemical Properties (Wolf-Rayet Nuclei) (1.5m).
Ageorges/Monin/Menard/Eckart	07124	Two-Dimensional Speckle Polarimetric Observation of Young Stellar Objects (3.5m NTT).
Ageorges/Monin/Menard/Eckart	07123	High Angular Resolution Survey of Polarized Southern Pre-Main Sequence Stars (3.5m NTT).
Albrecht/Kollatschny	02017	Spectropolarimetry of Broad-Line Radio Galaxies (3.6m).
Alcaíno/Liller/Alvarado/Wenderoth	05064	Search for White Dwarfs and Eclipsing Binaries in Globular Clusters (3.5m NTT).
Andreani/Dall'Oglio/Pizzo/Whyborn/Booth/Boehringer/Nyman/Shaver	01042	The Sunyaev-Zeldovich Effect in Southern Clusters of Galaxies (SEST).
Baluteau/Joubert/Cox/Armand	04028	Physical Conditions in and around Compact HII Regions (2.2m).
Barbon/Notni/Rafanelli/Schulz/Radovich	02043	Polarimetry of the Extranuclear Regions of Starburst Galaxies (3.6m).
Barbuy/Maeder/Medeiros	07034	CNO in Yellow Supergiants (1.4m CAT).
Barbuy/Ortolani/Bica/Milone	05014	Medium-Resolution Spectra of Bulge Globular Cluster Stars for Population Synthesis (1.5m).
Bardelli/Zucca/Vettolani/Zamorani/Collins/Scaramella	01104	Study of the Galaxy Distribution in the Shapley Concentration (3.6m).
Bedding/von der Lühe/Zijlstra/Quirrenbach/Eckart/Tacconi-Garman	07127	High-Resolution Infrared Interferometry Among Evolved Stars (3.5m NTT).
Bergeron/Le Brun	01026	Identification of the Gaseous Systems Detected by their CIV and Ly-alpha Absorption in the Quasar Spectra of the HST KP (3.5m NTT).
Beuzit/Lagrange/Malbet/Tessier/Vidal-Madjar/Ferlet/Lecavelier/Hubin	07104	Search for Disks around Main Sequence Stars Using Adaptive Optics in the Infrared (3.6m).
Bignami/Caraveo/Mereghetti/Gouiffes	06009	Search for Pulsations in the proposed Optical Counterpart of PSR 1509-58 (3.6m).
Bobrowsky/Grebel/Roberts	04014	Proto-Planetary Nebulae: Search for Direct Evidence of Common Envelope Evolution (3.6m).
Boffin/Abia/Jorissen	07023	Study of the Variability of the Li I Feature in a Sample of Carbon Stars (1m, 1.4m CAT).
Bohlender/North	07009	Magnetospheres of Helium-Weak Stars in the Sco-Cen Association (1.4m CAT).
Bonfanti/Rampazzo/Reduzzi	01085	Using Ellipticals in Pairs as a Probe of the Universality of the Fundamental Plane (1.5m).
Bouvier/Montmerle/Casanova/Martin E.	07136	Low-Resolution Spectroscopy of Optically Faint ROSAT X-ray Sources in the Rho Oph (1.5m).
Brandner/Reipurth	07107	Pre-Main-Sequence Binaries and Early Stellar Evolution (3.5m NTT, 3.6m).
Cacciari/Bragaglia/Fusi Pecci/Carretta	05012	Spectroscopic Study of Blue Horizontal Branch Stars in Globular Clusters (1.5m).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Caon/D'Onofrio	01065	"Global Mapping" Photometry of the Brightest Galaxies in Nearby Abell Clusters (1.5m Danish).
Capaccioli/Plotto/Aparicio/Bresolin	01017	Cepheid Variables in the Sculptor Group Galaxies (3.5m NTT).
Carollo/Danziger/Sparks	01061	Search for Star-Formation in Dust Lanes of Ellipticals (2.2m).
Carrasco/Loyola	07008	UBVRI Photometry of FK5 Faint Stars (0.5m).
Cayrel de Strobel	07118	Fine Structure of the HR Diagram of Stars Belonging to the Thin and Thick Disk and to the Galactic Halo (1.4m CAT).
Cayrel/Nissen/Beers/Spite F./Spite M./Andersen/Nordström/Barbuy	07094	Survey of Very Metal-Poor Stars and Nucleosynthesis in the Galaxy (1.5m).
Chin/Whiteoak/Mauersberger/Wilson/Henkel	04025	CN Chemistry and Extragalactic $^{12}\text{C}/^{13}\text{C}$ Ratios (SEST).
Chini/Krügel/Kreysa	07076	Large Dust Grains around Solar Type Stars (SEST).
Chini/Krügel/Kreysa	01048	Star Formation Efficiency in Spiral Galaxies (SEST).
Cimatti/Di Serego Alighieri/Fosbury	02019	When Did the Distant Radio Galaxies Form? (2.2m).
Cimatti/Van der Werf/Shaver/Di Serego Alighieri	02020	CO Emission in Distant Radio Galaxies (SEST).
Cox/Bachiller/Huggins/Forveille	04052	A Complete CO Map of the Helix (SEST).
Cox/Bronfman/Roelfsema/Martin-Pintado/Bachiller/Cernicharo	07139	Radio Recombination Lines in Eta Carinae (SEST).
Cunow/Naumann/Ungruhe/Sommer	01021	Magnitude Calibration for Homogeneity Studies of the Universe (0.9m Dutch).
Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle/Chugai	03007	SN 1987A (SEST, 1.5m Danish, 2.2m, 3.6m).
Danziger/Carollo	01033	Optical and Infrared Colour Gradients in Early-Type Galaxies (1.5m Danish, 2.2m).
Danziger/Gilmozzi/Zimmermann/Hasinger/MacGillivray	06020	The Origin of the Extragalactic X-ray Background: Optical Identification of Deep ROSAT Observations in Pavo (3.6m).
De Angelis	08010	Photometric Study of the Asteroid 1620 Geographos (0.5m).
De Grijs/Van der Kruit/Peletier	01006	Optical Surface Photometry of Edge-on Spiral Galaxies (1.5m Danish).
De Winter/Grady/Thé/Grinin/Perez	07105	Disentangling the Photometric Variations of Intermediate-Mass Young Stars and Guiding Satellite Observations (0.5m Danish).
De Winter/Tambovtseva/Grinin/Perez/Grady	07114	Exploring and Modelling the Spectroscopic Variations of Bright Herbig Ae/Be Stars (1.4m CAT).
Della Valle	07100	Spectroscopy of Recent Novae Observed at La Silla (1.5m).
Della Valle/Bianchini/Dürbeck/Ögelman/Orio	07102	Novae as Standard Candles: Calibrations of Nova Shells (3.6m).
Di Martino/Zappalá/Uras/Farinella/Cellino/Barucci/Lazzarin	08005	Spectroscopic Observations of Family Asteroids (1.5m).
Di Serego Alighieri/Cimatti/Fosbury	02015	Improving the Unified Models for the Most Luminous AGN (2.2m, 3.6m).
Dubath/Meylan	05047	Velocity Dispersion Field in the Cores of High-Concentration Globular Clusters (3.5m NTT).
Ducourant/Hawkins	07044	Measurement of Parallaxes of 30 Brown Dwarf Candidates (1.5m Danish).
Dürbeck/Leibowitz/Vogt	07053	Orbital Periods, Superhump Periods and Masses of SU UMa Type Dwarf Novae (0.9m Dutch).
Duquenooy/Mayor	07087	Stellar Duplicity of Very Low Mass Stars (1.5m Danish).
Durouchoux/Vilhu/Wallyn/Grindlay/Rubio	06001	Search for e+ Annihilation Sites Near Black Hole Candidates (SEST).
Eckart/Genzel/Hofmann/Dratz/Sams/Tacconi-Garman	05059	Proper Motions in the Galactic Centre (3.5m NTT).
Eckart/Zinnecker/Leinert	07121	The Binary Frequency among X-ray Selected Weak-line T Tauri Stars (3.5m NTT).
Edvardsson/Feltzing/Gustafsson/Lambert/Morell/Tomkin	07056	Europium and Carbon in the Galactic Disk (1.4m CAT).
Emerson/Teixeira	04045	A 1.3mm Survey of Embedded Young Stellar Objects in Vela, Lupus, Norma & CrA (SEST).
Falomo/Scarpa	02023	Spectral Properties of HPQs (1.5m).
Fasano/Falomo	02012	Optical Properties of FR-I Radio Galaxies (2.2m).
Favata/Barbera/Micela/Sciortino	07018	Lithium Abundance Determination in a Sample of Volume Limited Main Sequence K Stars (1.4m CAT).
Felenbok/Balkowski/Batuski/Maurogordato/Olowin/Singlend	01035	Spectroscopy of Two Southern Supercluster Candidates (3.6m).
Ferraro/Guarnieri/Origlia/Testa/Moneti	05046	Near-IR Imaging of Galactic Globular Clusters (2.2m).
Festou/Stern/Weintraub	09005	Mapping of the Extended Dust Clouds Around alpha PSA (Formalhaut) and beta Pic at 1.3mm (SEST).
Fort/Bonnet/Kovner/Mellier	01082	Detection and Measurement of the Gravitational Shear around Magnified Radio Sources (3.5m NTT).
Fosbury/Cimatti/Di Serego Alighieri	02021	Extended UV Continua in Nearby Radio Galaxies (3.5m NTT).
Franceschini/Andreani/Clements	01041	The Distribution of FIR/mm Light in Galaxy Discs (SEST).
François/Danziger/Buonanno/Fusi Pecci/Matteucci/Marconi	05063	Abundances in a Distant Globular Cluster Ruprecht 106 (2.2m).
Franx	01080	Evolution of Galaxies from Galaxy Kinematics at z = 0.3 (3.5m NTT).
Freudling/Alonso/Da Costa/Wegner	01081	The Peculiar Motion of Galaxies (1.5m Danish, 1.5m).
Friedli/Martinet/Wozniak/Blecha/Pfenniger/Bratschi	01008	Bars within Bars and Dynamics of Inner Region in Spiral Galaxies (1.5m Danish).
Garay/Gomez/Rodriguez	04011	Molecular Gas toward OH/IR Stars Associated with High Velocity Maser Outflows (SEST).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Giallongo/Cristiani/Fontana/Savaglio/Trevese	02039	The Physical State of the Gas in Galaxies at High Redshifts (3.5m NTT).
Grebel/Calzetti/Sokolowski/Roberts	01072	Starburst Galaxies: High Resolution Studies of Dust and Superwinds (3.6m).
Gredel/Kopp	04002	CO Multi-Line Studies towards Southern OB Associations (SEST).
Group for Long Term Photometry of Variables	07025	Long-term Photometry of Variables (0.5m Danish).
Guibert/Alard/Terzan/Bienayme/Bertin	05048	Photometric Calibration for Faint Bulge Variable Stars (1.5m Danish).
Guibert/Bienayme/Robin/Gazelle/Valls-Gabaud/Alard/Pailous/Tajahmady/Bertin/Terzan	05045	Microlensing and the Galactic Disk Missing Mass Problem (Schmidt).
Häfner/Barwig/Mantel/Hawkins	07091	Search for Eclipses in Faint Cataclysmic Variables (0.9m Dutch).
Häfner/Simon/Fiedler/Sturm	07035	Binaries with Early Type Components (0.5m).
Hainaut-Rouelle/Hainaut/Detal	08027	Pole Determination of Selected Asteroids (0.5m).
Hainaut/West	08025	Physical Properties of the Kuiper Belt Member Candidates (3.6m).
Hawkins	07015	Infrared Colours of Very Low Mass Stars and Brown Dwarfs (2.2m).
Heber/Dreizler/Napiwotzki/Rauch/Werner	07045	NLTE-Analyses of Hot post-AGB Stars of Population II (3.5m NTT).
Heidt	02036	Microvariability in X-ray Selected BL Lac Objects (1.5m Danish).
Held/Piotto	01083	Deep CCD Photometry of the Tucana Dwarf Spheroidal Galaxy (2.2m).
Henkel/Chin/Whiteoak/Mauersberger/Langer/Wilson	04010	Oxygen Burning in Massive Stars: Examining Sulfur Nucleosynthesis (SEST).
Henning/Martin K./Stecklum	04019	Probing Interstellar Dust by NIR Spectrometry (3.5m NTT).
Heydari-Malayeri/Lequeux/Le Bertre	03001	Diffuse Interstellar Bands toward Compact Massive Star Clusters of the Magellanic Clouds (3.5m NTT).
Hirth/Mundt/Eisöföfel	07021	High Spatial Resolution Studies of Outflows from Young Stellar Objects (3.6m).
Hofmann/Eckart/Genzel/Dratz/Sams/Tacconi-Garman	05058	High Spatial Resolution NIR Imaging Polarimetry of the Galactic Centre (3.5m NTT).
Holweger/Rentzsch-Holm	07001	High-Resolution Spectrometry of Sharp-Lined A Stars (1.4m CAT).
Hutsemekers/Van Drom/Remy	02016	Polarization Properties of BAL QSOs (3.6m).
Infante	01034	High Resolution Imaging of Galaxies and Arcs in CL0017 (3.5m NTT).
Infante/Fouque/Quintana	01087	Dynamics in Medium z Clusters (3.6m).
Jablonka/Kotilainen/Mellier	01079	Infra-Red Spectroscopy of Gravitational Arcs (3.5m NTT).
Jorissen/Mayor/North	07007	The Evolutionary Status of S Stars and Dwarf Barium Stars (1.5m Danish).
Jourdain de Muizon/D'Hendecourt/Schmitt B./Trotta	04037	Search for Solid Molecular Hydrogen in Molecular Clouds (3.5m NTT).
Knude	05007	Density Variation and the Absence of Dark Matter in the Galactic Disk (1.5m Danish).
Kohoutek	04022	Spectroscopy of Questionable Planetary Nebulae mainly towards Galactic Bulge (1.5m).
Krautter/Pasquini/Metanomski/Schmitt	07132	Nature of Late-Type stars in the ROSAT All-Sky Survey (0.5m, 1.4m CAT).
Krügel/Chini/Kreysa	07077	Protoplanetary Disks around Main-Sequence Stars (SEST).
Kürster/Hatzes/Cochran/Dennerl/Döbereiner	07064	High Precision Stellar Radial Velocities, Part IV (1.4m CAT).
Kunkel/Zinnecker/Schmitt	06017	Optical and Infrared Photometry of Pre-Main Sequence X-ray Sources in the ScoCen OB Association (0.9m Dutch, 1m).
Kunkel/Zinnecker/Schmitt	06016	Optical Identification of Pre-Main Sequence X-ray Sources in the Sco-Cen OB Association (1.5m).
Labhardt	01045	Deep BVRI Photometry of the HST Targets NGC 4496 and NGC 4536 (2.2m).
Laerkvist/Dahlgren/Williams I./Fitzsimmons	08008	Rotational Properties and Shapes of Hilda Asteroids (0.9m Dutch).
Lagerkvist/Magnusson/Erikson	08013	Pole Orientations and Shapes of Asteroids (0.5m, 1m).
Lagerkvist/Mottola/Di Martino/Neukum	08003	Physical Study of Trojans and Outer Belt Asteroids (0.9m Dutch).
Lagrange/Corporon/Bouvier	07103	The Spectroscopic Binarity of Ty CrA (1.4m CAT).
Lecavelier/Lagrange/Vidal-Madjar	07129	Infrared Imagery of Protoplanetary Disk: 68 Oph and alpha PSa (3.6m).
Leinert/Weitzel	07036	A Systematic Search for Low-Mass Companions to Nearby K and M Dwarfs (3.5m NTT).
Lemoine/Ferlet/Vidal-Madjar/Emerich	04051	The Isotopic Ratio of Interstellar Lithium (3.6m).
Lennon/Mazzali/Castellani/Pasian/Marconi/Bonifacio	03006	High Resolution Spectroscopy of B-Stars in NGC 330 (3.6m).
Liller/Alcaíno/Alvarado/Wenderoth	05065	UBVRI Photometry of Globular Cluster Standard Stars (1m).
Lin Yun	07099	Near-Infrared Imaging of Young Stellar Objects in BOK Globules (2.2m).
Lopez/Mekarnia/Lefevre/Starck/Danchi/Townes/Bester/Dougados/Ghez/Perrin	07115	Near-Infrared High Angular Resolution Imaging of Dust Shells Around Late-Type Stars (3.6m).
Lorenz/Drechsel/Mayer	07082	Absolute Dimensions of Early-Type Binaries (0.5m, 1.4m CAT).
Lutz/Genzel/Dratz/Cameron/Harris/Najarro/Hillier/Kudritzki	09001	He I Stars as Contributors to the Galactic Centre Energetics (3.5m NTT).
Lutz/Sternberg/Genzel/Krabbe/Blietz	01003	NIR Spectral Mapping of Starburst Galaxies (3.5m NTT).
Macchetto/Giavalisco/Steidel/Sparks	01077	Ultra-Deep Multicolour Broad-Band Imaging of Cluster Galaxies at Redshift z~3.4 (3.5m NTT).
Magnan/De Laverny/Menessier	07013	Study of the Repeatability of the UBVR I Light Curves of Mira Variables in Successive Cycles (0.5m).
Mamon/Holl/Deul/Robin	05051	Crowded Star Fields in the Near Infrared (2.2m).
Marconi/Tosi/Greggio	01024	Stellar Populations in Irregular Galaxies (2.2m).
Martinet/Friedli/Wozniak/Pfenniger/Bratschi	01009	1.25 to 2.2 micron imaging of barred galaxies (2.2m).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Mathias/Gillet	07130	Wave Propagation in the beta Cephei Star alpha Lupi (1.4m CAT).
Mathys/Hubrig/Landstreet/Lanz/Manfroid	07028	Systematic Search and Study of Ap Stars with Magnetically Resolved Lines (1.4m CAT, 1.5m).
Mauersberger/Henkel/Wilson/Whiteoak/Chin	04024	The Origin of the Peculiar Solar Elemental Abundances (SEST).
Mauersberger/Henkel/Whiteoak/Tieftrunk	01053	Sub-mm Observations of Dense Gas in the Starburst Galaxy NGC 4945 (SEST).
Megeath/Wilson	07133	A CO (3-2) Search for Circumstellar Disks around Southern PMS Stars (SEST).
Megeath/Wilson	07108	2 micron Spectroscopy of Young Southern Clusters (2.2m).
Mekarnia/Dougados/Ghez/Lagage/Lefevre/ Lopez/Perrin	07098	Mid-Infrared Imaging of Circumstellar Envelopes around Evolved Late-Type Stars (3.6m).
Melnick/Heydari-Malayeri/Proust	01089	The Primordial Helium Abundance (3.5m NTT).
Menard/Léna/Catala/Monin/Bouvier/Malbet/ Schuster	07078	Deep High-Angular Resolution Imaging of Selected Young Stellar Objects with COME-ON PLUS (3.6m).
Mendes de Oliveira	01090	A Study of Emission Line Spiral Galaxies at Redshifts 0.2 to 0.4 (3.5m NTT).
Mendez/Kudritzki/Roth/Muschielok/Hamann/ Gabler	07022	Spectrophotometry of Central Stars of Planetary Nebulae in the Galactic Bulge (3.5m NTT).
Metcalfe/McBreen/Bouchet/Smith N./Hanlon/ O'Flaherty	02013	Simultaneous IR, Radio and CGRO Observations of BL Lac Objects (2.2m).
Meylan/Djorgovski/Thompson/Smith J.	02063	A Search for Quasar Protoclusters at High Redshifts (3.5m NTT).
Meylan/Dubath/Mayor	05060	A Complete Census of High-Velocity Stars in the Core of the Globular Cluster 47 Tucanae (1.5m Danish).
Miley/van Ojik/Roettgering	02031	The IR Continuum Alignment of High Redshift Radio Galaxies (2.2m).
Minniti	05016	Kinematics of Bulge Giants and the Formation of the Galaxy (3.6m).
Minniti/Claria	05033	The Age of the Galactic Bulge (2.2m).
Mirabel/Dottori/Duc	01076	Dwarf Galaxies in Tidal Tails (3.5m NTT).
Mirabel/Duc	06015	Infrared Counterparts of Black Hole Candidates (2.2m).
Moeller/Warren	01070	Searches for High-Redshift $z > 2$ Lyman alpha Galaxies (3.5m NTT, 3.6m).
Molaro/Pasquini/Castelli/Bonifacio	07111	Beryllium Abundance in Halo Dwarfs (3.6m).
Molaro/Primas/Castelli/Bonifacio	07112	Searching for the Second Stellar Generation (3.6m).
Molinari/Chincarini/Governato	01020	Spectral Atlas of the S0781-S0783 Supercluster $z \sim 0.25$ (3.5m NTT).
Moorwood/Van der Werf/Oliva/Kotilainen	02006	Role and excitation of hot molecular gas in AGN's and starburst galaxies (2.2m, 3.5m NTT).
Motch/Hasinger/Pietsch	06019	Optical Study of a new Accreting Black Hole Candidate (3.5m NTT).
Nußbaumer/Mürset/Schild/Schmutz	07083	Wind Structure of Red Giants in Symbiotic Systems (1.4m CAT, 3.5m NTT).
Olofsson/Eriksson/Gustafsson/Olander/ Schwarz	07059	Imaging of Circumstellar Envelopes in Resonance Scattered Light (1.4m CAT, 3.6m).
Origlia/Fusi Pecci/Ferraro	05009	High Resolution Mid-IR Imaging of Galactic Globular Clusters (3.6m).
Ortolani/Barbuy/Bica	05050	JHK Photometry of Reddened Bulge Globular Clusters and Nearby Fields (2.2m).
Ortolani/Barbuy/Bica	05019	Globular Clusters in the Galactic Bulge (1.5m Danish 3.5m NTT).
Pakull/Pietsch/Kahabka	06012	X-ray Source Population of the SMC (2.2m).
Palazzi/Penprase/Casey	04020	High Resolution Spectroscopy of Central Stars in Reflection Nebulae (1.4m CAT).
Pallavicini/Haisch/Schmitt/Rosner/Pasquini	06003	Chromospheres, Coronae and Winds of Cool Giants (1.4m CAT).
Pasquini/Molaro	05030	Li Abundance in Turnoff Stars of NGC 6397 (3.5m NTT).
Pasquini/Randich/Andersen	07073	Hunting Young, Nearby G Stars (0.5m, 1.4m CAT).
Paunzen/Weiss/Kuschnig	07068	Pulsation among lambda Boo Stars (0.5m).
Petitjean/Carswell/Rauch	02007	The Very Weak CIV Absorption Line-Systems (3.6m).
Piotto/Ferraro/Origlia/Palazzi	01016	Near-Infrared Observations of Cepheids in Local Group Galaxies (2.2m).
Plets/Waelkens/Van Winckel	07061	Search for the lambda Bootis Phenomenon in Herbig-Ae Stars (1.4m CAT).
Pont/Mayor	07047	Accurate Masses of Late-Spectral Type Stars (1.5m Danish).
Poretti/Bossi/Mantegazza/Zerbi	07017	Pulsation Mode Identification of Multiperiodic Delta Sct Stars (0.5m, 1.4m CAT).
Prusti/Knee	04029	The Parent Cloud of HD 104237 (SEST).
Queloz/Dubath/Mayor	01094	Duplicity and the Velocity Dispersion Gradient in the Sculptor dSph Galaxy (3.5m NTT).
Quintana/Slezak/Infante/Melnick/Bijaoui	01075	A Wide Area Survey of the Shapley Concentration: Spectroscopy (3.6m).
Quintana/Slezak/Infante/Melnick	01074	A Wide Area Survey of the Shapley Concentration: Photometry (2.2m).
Ramella/Dacosta/Focardi/Geller/Nonino/ Smith C.	01093	Redshift Survey in the Hydra-Centaurus Region (1.5m).
Rampazzo/Bland-Hawthorn/Hernquist/Bland- ford	02041	Internal Dynamics of the Luminous Infrared Galaxy NGC 6240 (3.5m NTT).
Randich/Schmitt	05038	The Very Young Open Cluster IC 2602 (3.6m).
Reduzzi/Rampazzo/Bonfanti/Sulentic	01050	Frequency and Fine Structure in Isolated Early-Type Galaxies: A Control Sample (0.9m Dutch).
Reduzzi/Rampazzo/Sulentic/Prugniel	01049	UBVRI Surface Photometry and Geometry of Binary Galaxies (0.9m Dutch).
Reimers/Vogel/Wisotzki/Surdej/Smette	02010	Absorption Lines in the New Double Quasar HE 1104-1805 AB (3.5m NTT).
Reipurth/Nyman	04046	Protostars – Further Studies (SEST).
Saglia/Bender/Gerhard	01004	Probing the Gravitational Potential and Anisotropy of Elliptical Galaxies (3.5m NTT).
Sams/Eckart/Genzel/Hofmann/Drapatz/ Tacconi-Garman	05057	High Spatial Resolution Spectral Line Imaging of the Galactic Centre (3.5m NTT).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Sams/Genzel/Beckers/Léna/Brandl	01096	Diffraction Limited K-Band Studies of High-z Galaxy Evolution and Morphology (3.6m).
Sams/Genzel/Brandl/Eckart	01097	Deep K-Band Searches for High-z in the Vicinity of Selected QSOs (2.2m).
Saracco/Iovino/Garilli/Molinari	01068	Optical Multicolour Luminosity Function of Field Galaxies (0.9m Dutch).
Schulz/A'Hearn/Stüwe	08020	Impact of P/Shoemaker-Levy 9 on Jupiter (3.5m NTT).
Seaquist/Ivison/Evans/Schwarz	07004	A Maser Survey of Symbiotic Miras (SEST).
Sembach/Danks/Caulet	04039	A Unique Probe of Diffuse Galactic Matter: Spectroscopy of Ti II (3.6m).
Shaver/Wall/Kellermann	02001	A Search for Radio-Loud Quasars at $z > 5$ (3.6m).
Siebenmorgen/Käufel	01051	The Origin of Starbursts and Infrared Emission in Galactic Nuclei (3.6m).
Siebenmorgen/Krügel/Peletier/Zeilinger	01071	Probing the Radiation Field in Active Galaxies (2.2m).
Smette/Surdej/Reimers/Wisotzki/Vogel	02057	Test of the Minihalo Model for the Ly-alpha Clouds (3.5m NTT).
Sommer-Larsen/Christensen/Beers/Flynn	05010	Bright Blue Horizontal Branch Field Stars in the Inner Galactic Halo (1.5m).
Sterken/Debehogne/Spoon	07050	Microvariations of LBVs (0.5m Danish).
Stirpe/Giannuzzo	02051	Are Narrow Line Seyfert 1 Nuclei Variable? (1.5m).
Stirpe/Santos-Lleo/Alloin	02052	International AGN Watch: Variability of the High-Luminosity AGN Fairall 9 (1.5m).
Szeifert/Baschek/Kaufer/Wolf	05023	Increasing Element Abundances Towards the Galactic Centre II (3.6m).
Szeifert/Baschek/Kaufer/Wolf	05022	Increasing Element Abundances Towards the Galactic Centre I (1.5m).
Szeifert/Baschek/Kaufer/Wolf	05021	Increasing Element Abundances Towards the Galactic Centre (0.9m Dutch).
Tacconi-Garman/Alloin/Cameron/Eckart/Genzel/Rouan	01099	Diffraction Limited Broadband Studies of the Seyfert Galaxies NGC 7469 and NGC 1068 (3.6m).
Tadhunter/Morganti/Fosbury/Shaw/Dickson/Jackson	02026	Polarimetry of a Complete Sample of Radio Galaxies: are all Radio Galaxies Giant Reflection Nebulosities in the UV? (3.6m).
Telting/Henrichs/Van Paradijs/Aerts	07065	Seismology of Rapidly-Rotating Early-Type Stars (3.6m).
Thé/Van den Ancker	05018	The Luminosity Function of Very Young Open Clusters (0.9m Dutch).
Theissen/de Boer/Heber/Möhler	07110	Do sdB Stars Always Contain Cool Binaries? (1m).
Thomas N.	08004	Longitudinal Variability of the Io Plasma Torus (3.5m NTT).
Tinney	07071	Parallaxes of VLM Stars (2.2m).
Tinney/Gemmo/Hasinger/Pietsch/Kahabka	01044	The Search for QSOs Behind Local Group Galaxies (3.5m NTT).
Tinney/Mould/Reid	05035	The Kinematics of Stars at the Bottom of the Main Sequence (3.6m).
Tsvetanov/Di Serego Alighieri/Cimatti/Fosbury	02062	Unified Model of Seyfert Galaxies: Mapping the Mirror (2.2m).
Vacca/Leibundgut	01086	High-Resolution Imaging of Wolf-Rayet Galaxies (3.5m NTT).
Van der Blik/Gustafsson	07033	Chemical Abundances Analysis of the Royal Standard Stars for ISO (1.4m CAT).
Van der Hucht/Richter/Churchwell/De Graauw/Gredel	04032	Infrared Morphology of Ultra-Compact HII Regions (3.6m).
Van der Hucht/Williams/Gunawan/Bouchet	07066	Search and Monitoring of Eruptive Wolf-Rayet Dust Formation (2.2m).
Van der Klis/Augusteijn/Berger/Van Paradijs	06011	IR Counterparts of Highly Reddened Low-Mass X-ray Binaries (2.2m).
Van der Kruit/De Grijs/Peletier	01005	Near-Infrared Surface Photometry of Edge-on Spiral Galaxies (2.2m).
Van der Werf	02004	Search for Redshifted H alpha Emission from Damped Ly alpha Systems (2.2m, 3.5m NTT).
Van der Werf	02003	Search for Redshifted [CII] 158 Micron Emission from High Redshift QSOs (SEST).
Van der Werf/Shaver	02005	Search for Very Distant IRAS Galaxies (3.6m).
Van Dessel/Sinachopoulos	07134	CCD Photometry for the Interpretation of the Main Sequence (0.9m Dutch).
Van Paradijs/Charles/Martin A./Casares/Van der Klis	06006	Black Hole Candidates in Faint Soft X-ray Transients (1.5m Danish).
Van Paradijs/Leibundgut/Abbott/Augusteijn	07081	Supernova Lightcurves (0.9m Dutch).
Waelkens/Daems	07062	Study of the W Serpentis Star HD104901B (1.4m CAT).
Waelkens/Mayor	07060	Radial-Velocity Variations in Post-AGB Stars (1.5m Danish).
Wagner/Bock	02055	Synchrotron Spectra of Gamma-Ray Blazars (1.5m Danish, SEST).
Webb/Barcons/Bowen/Lanzetta/Tytler	01091	Dynamics of Galaxies to $\sim 160h^{-1}$ kpc (3.5m NTT).
Weigelt/Appenzeller/Beckmann/Davidson/Kohl/Nußbaum/Schöller/Scholz/Van Elst/Wagner	09004	Speckle Masking and Speckle Spectroscopy of Stellar and Extragalactic Objects (3.6m).
Weiland/Becker/Großmann	01052	Molecular Cloud Complexes in the Extreme Dwarf Irregular Galaxy IC 1613 (follow-up) (SEST).
West/Hainaut/Marsden/Meech/Smette	08024	Activity in Very Distant Comets (3.5m NTT).
Wichmann/Alcalà/Covino/Krautter/Schmitt	07085	Photometry of Weak-Line T Tauri Stars in Chamaeleon and Lupus (1m).
Wiedemann	07079	Exploration of CO Fundamental Bands in Late-Type Stars (3.5m NTT).
Will/Schmidt	05015	The Shape of the IMF in Young Galactic Open Clusters at Low Masses (1.5m Danish).
Williger/Wampler/Carswell	02040	The UV Background at $z > 4.5$ (3.5m NTT).
Wolf/Kaufer/Mandel/Stahl/Gäng/Gummersbach/Sterken/Kovacs	07014	Structure and Variability of the Winds of A-Type Supergiants (0.5m).
Wouterloot/Brand	04007	CO Excitation Conditions at the Edge of the Galaxy (SEST).
Zanin/Cappellaro/Sabbadin/Turatto	04035	Spectroscopic Study of Newly Discovered, Distant Planetary Nebulae (1.5m).
Ziegler/Bender	01013	The Age of Elliptical Galaxies in Clusters (3.6m).
Zinnecker/Eckart/Ageorges/Quirrenbach	07122	Adaptive Optics Observations of Lindroos Wide Binaries (3.6m).
Zinnecker/Moneti/Wilking	07128	10micron Photometry of pre-Main Sequence Binary Systems (3.6m).

Postdoctoral Fellowship on La Silla

A postdoctoral fellowship is offered on La Silla, starting during the last quarter of 1994. The position is open to a young PhD recipient with strong interest in optical observational astronomy. The successful applicant will have a demonstrated potential for independent as well as collaborative research within and beyond the Astronomy Support Department (ASD) of the La Silla Observatory. Research interests represented in the ASD include active galactic nuclei, star formation, planetary nebulae, abundances and activity of cool stars, magnetic stars, supernovae, and the interstellar medium. The spectrum of the observing facilities on La Silla is among the broadest currently available at ground-based observatories.

The holder of the position will spend 50 % of the time as a member of the newly formed NTT Team which comprises scientists and engineers charged with the operation and upgrading of the 3.5-m New Technology Telescope (NTT). Emphasis will be on the support of Visiting Astronomers and the monitoring of the performance and calibration of the optical instrumentation of the NTT; these duties are to be performed in close collaboration with other Team members and the technical staff of the Observatory. Familiarity with modern software utilities is a requirement.

The ESO fellowships are granted for a period of one year, normally renewed for a second and exceptionally for a third year.

The monthly basic salary will be not less than 5059 DM to which are added an expatriation allowance of 30–45 % as well as a mountain allowance of 5–10 %. Applications should be submitted to ESO not later than 15 May 1994. Applicants will be notified by 31 July 1994. Application forms are available from ESO Personnel and General Services (PGS), Karl-Schwarzschild-Str. 2, D-85748 Garching b. München, Germany. Applicants should arrange for 3 letters of reference to be sent by the same date directly to PGS.

For further information: contact the project scientist (Internet: dbaade@eso.org or SPAN: ESO::DBAADE).

ANNOUNCEMENT

ESO Workshop on SCIENCE WITH THE VLT

An international conference to highlight the observational opportunities introduced by the VLT and the 8m class telescopes.

**Garching, Munich, Germany
28th June – 1st July 1994**

Scientific sessions:

- Stellar populations in the Galaxy and nearby galaxies
- Star formation
- Late stages of stellar evolution
- Planetary systems
- ISM studies
- Supernovae
- Distance indicators
- Galactic nuclei and AGN
- Large scale structure
- Gravitational lensing
- The most distant galaxies and quasars

Each session will comprise a review by an invited speaker followed by contributed talks. Poster papers are also encouraged.

CONTRIBUTIONS IN THE FORM OF WORKED-OUT OBSERVING STRATEGIES for planned VLT instruments (CONICA, FORS, FUEGOS, ISAAC and UVES), or other possible instruments, are encouraged.

Closing date for applications (with or without proposed contributed papers): 30 April 1994.

Organizing Committee:

(Working Group on Scientific Priorities for the VLT)
K. de Boer (Bonn), B. Fort (Pic-du-Midi), R.-P. Kudritzki (München), B. Marano (Bologna), S. D'Odorico (ESO), L. Vigroux [Chair] (Saclay), J.R. Walsh (ESO), J. Wampler (ESO)

Contact:

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D-85748 Garching bei München, Germany
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ANNOUNCEMENT

ESO Workshop on QSO Absorption Lines

**ESO, Garching
21 – 24 November 1994**

An ESO workshop on QSO absorption lines will be held from 21 to 24 November 1994, at the Headquarters of the European Southern Observatory, Garching bei München, Germany.

The workshop is intended to discuss the theory and observations of QSO absorption lines in relation to the following topics:

- Galactic halo and interstellar medium
- Low-redshift systems
- Intrinsic absorption lines and BAL systems
- Ly-alpha clouds
- Damped systems
- Metal systems
- Probing the large scale structure
- Probing the Universe at high redshifts

Organizing Committee:

S. D'Odorico, G. Meylan, P. Petitjean, P. Shaver, J. Wampler, ESO

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New ESO Publications

(December 1993–February 1994)

Scientific Report No. 13: "A Catalogue of Quasars and Active Nuclei" (6th Edition). Eds. M.-P. Véron-Cetty and P. Véron.

Scientific Preprints

961. N.N. Chugai and I.J. Danziger: SN 1988Z: Low Mass Ejecta Colliding with the Clumpy Wind? *M.N.R.A.S.*
962. P. Dubath, G. Meylan and M. Mayor: On the Velocity Dispersion in the Core of the Globular Cluster M15. *The Astrophysical Journal*.