

ANNOUNCEMENTS

Programmes Approved for Period 52

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
1-005-43K	Rhee/Katgert et al.	Peculiar motions of rich clusters of galaxies	3.6m
1-012-43K	Bergeron et al.	Identification of high redshift galaxies with very large gaseous halos	NTT
1-014-43K	Mazure et al.	Structure and dynamical state of nearby clusters of galaxies	3.6m
1-019-47K	Vettolani et al.	A galaxy redshift survey over a fair sample of the Universe	3.6m
1-022-47K	Tammann et al.	The distance of the Centaurus Group: A test for various distance indicators	NTT
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	3.6m, NTT
2-007-43K	Cristiani et al.	A homogeneous bright quasar survey	2.2m, 1.5m, 1m
2-009-45K	Reimers et al.	A wide angle objective prism survey for bright QSOs	3.6m, 1.5m, 0.9mDu
2-013-49K	D'Odorico et al.	A statistical study of the intergalactic medium at high redshifts	NTT
3-001-43K	Israel et al.	CO as a tracer for the molecular content of the Magellanic Clouds	SEST
4-004-45/51K	Turatto et al.	A photometric and spectroscopic study of supernovae of all types	3.6m, NTT, 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
6-003-45K	Danziger et al.	Optical identification content in selected regions of ROSAT All Sky X-Ray Survey	3.6m, 2.2m, 1.5m
7-008-51K	Habing et al.	Infrared standards for ISO	NTT, 2.2m, 1m
7-009-49K	Oblak et al.	CCD and conventional photometry of components of visual binaries	1m, 50cm, 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, 1.5m Danish

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Abbott/Pasquini/Fleming	07127	Time-series CCD photometry of cataclysmic variables discovered by ROSAT (0.9m Dutch).
Abbott/Shafter	07125	Time series CCD photometry of old novae (0.9m Dutch).
Acker/Cuisinier/Gesicki/Gorny/Tylenda	04035	WR nuclei of planetary nebulae: physical and chemical properties (1.5m).
Acker/Cuisinier/Gesicki/Gorny/Tylenda	04034	Wolf-Rayet nuclei of planetary nebulae: distances and expansion (1.4m CAT).
Alcalá/Covino/Krautter/Terranegra/Wichmann	07121	Spectroscopic and photometric monitoring of strongly variable weak-line T Tauri stars (0.5m, 3.6m).
Alloin/Blietz/Cameron/Rouan	01002	Diffraction limited broad-band studies of the Seyfert galaxies NGC 7469 and NGC 1068 (3.6m).
Andreani/La Franca/Miller/Cristiani/Goldschmidt/Read	02026	The cosmological evolution of the clustering of quasars (3.6m).
Antonello/Mantegazza/Poretti	03012	First overtone mode Cepheids in Magellanic Clouds (0.9m Dutch).
Appenzeller/Beckmann/Nussbaum/Schoeller/Van Elst/Wagner/Weigelt	02036	Speckle imaging and speckle spectroscopy of nearby Seyfert galaxies (2.2m).
Azzopardi/Breysacher/Lequeux/Muratorio	01078	Final search and spectroscopic study of Wolf-Rayet stars in NGC 300 (3.5m NTT).
Baessgen/Bremer/Diesch/Grewing	04043	Detailed studies of old, extended planetary nebulae (1.5m).
Barthel/Hes	02050	The high-redshift nature of GPS radio sources: searching for the most distant quasars (2.2m)
Bergeron/Le Brun	01082	Identification of the gaseous systems detected by their CIV and Ly α in the quasar spectra of the HST KP (3.5m NTT).
Bertaux/Lallement/Beust	07115	Search for cometary water vapour towards β Pictoris (1.4m CAT).
Bertola/Persic/Pizzella/Salucci	01020	Modelling the dark matter component in Sa galaxies (1.5m).
Beuermann/Grupe/Thomas H./Reinsch/Fink	02006	Spectroscopic indicators for the soft X-ray excess in AGN (2.2m).
Beuzit/Lagrange/Tessier/Vidal-Madjar/Ferlet	07098	IR Observations of the β -Pictoris disk with adaptive optics (3.6m).
Blaauw/Srinivasan-Sahu	04052	The Distance of the Vela molecular ridge (1.4m CAT).
Bockelee-Morvan/Gautier/Owen	07131	Search for cometary gas around β Pic and Fomalhaut (SEST).
Bouvier/Beuzit/Perrier/Sams	07114	High angular resolution imaging of close pre-main sequence binaries (3.6m)
Bower/Böhringer/Ellis/Castander/Couch	01074	The dynamical structure of galaxy clusters at $z=0.5$ (3.6m).
Brandner/Zinnecker	07058	Component colours and spectroscopy of low-main-sequence (PMS) binaries (0.9m Dutch, 1.5m, 3.5m NTT).

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Broadhurst/Moeller/Szalay	01031	Cluster mass profiles via amplification of background galaxy fluxes (3.5m NTT).
Bues/Karl	07081	Spectral variability of single magnetic white dwarfs (1.5m).
Buonanno/Vietri/Marconi	05008	Young globular clusters in the Milky Way (2.2m).
Cabrit/Cesarsky/Lagage/Olofsson/Pantin	07096	10 micron spectro-imaging of young outflow sources (3.6m).
Cacciari/Bragaglia/Fusi Pecci/Carretta	05010	Spectroscopic study of blue horizontal branch stars in globular clusters (1.5m).
Calvani/Sulentic/Marziani	02052	Orientation effects in radio loud AGN (1.5).
Capaccioli/Freeman/Ford/Hui/Arnaboldi	01086	Dynamics of the outer halos of elliptical galaxies (3.5m NTT)
Caraveo/Bignami/Meregheiti/Mignani/Goldoni/Pacini/Salvati	06018	Optical studies of isolated neutron stars detected as X/gamma-ray sources (3.5m NTT).
Carollo/Danziger/De Zeeuw	01116	Linking stellar population and orbital structure in elliptical galaxies (2.2m).
Carrasco G./Loyola	07060	UBVRI photometry of FK5 faint stars (0.5m).
Casoli/Boselli/Braine/Combes/Fouqué/Gavazzi/Karachetseva/Kazes/Lequeux	01003	The CO emission of isolated spirals (SEST).
Castellani/Brocato/Piotto	05027	White dwarfs in old open clusters (3.5m NTT).
Caulet/Hasinger/Pietsch/Smith	03033	Probing the IS gas of the superbubble LMC2 (3.6m).
Cayrel/Nissen/Beers/Spite F./Spite M./Andersen J./Nordstroem/Barbuy	07029	Survey of very metal-poor stars and nucleosynthesis in the galaxy (1.5m).
Char/Labra/Berrios/Maldini/Jankov/Foing/Neff/Di-Sheng	07132	Survey de la variabilité chromosphérique d'étoiles à rotation rapide (0.5m, 1.4m CAT).
Chiosi/Ortolani/Bertelli/Vallenari	03037	Star formation history of the Magellanic Clouds (2.2m).
Cimatti/Freudling	02016	A millimetric view of distant radio galaxies ($z > 1$) (SEST).
Clausen/Storm/Tobin/Hilditch/Hill/Gimenez	03025	Eclipsing binaries in the Magellanic Clouds – distances and absolute dimensions (3.5m NTT).
Collins/Nichol/Guzzo	01045	Multiobject spectroscopy of distant clusters of galaxies (3.6m).
Combes/Saint-Pé/Tomasko/Demailly/Faucherre/Encenaz	08014	Very high spatial resolution study of Titan in the near IR (3.6m).
Corradi/Schwarz H.	04046	Do bipolar nebulae have the hottest central stars of PNe? (1.5m).
Costa/Grebel/Macconnell/Roberts/Wing	07052	Red supergiants as tracers of Galactic spiral arms (1.5m).
Courvoisier/Bouchet/Blecha/Paltani	02046	Coordinated observations of 3C 273 (1.5m, SEST).
Cox/Bronfman/Roelfsema	04047	A study of the photon dominated region facing Trumpler 14 (SEST).
Cunow/Naumann/Ungruhe/Sommer	01040	Magnitude calibration for homogeneity studies of the Universe (0.9m Dutch).
Danks/Sembach/Caulet	04048	Gas kinematics and physical conditions in the Vela supernova remnant (1.4m CAT).
Danziger/Baade/Della Valle	07023	Optical spectroscopy of the visible counterpart of the bright radio millisecond pulsar J0437-4715 (3.6m).
Danziger/Baade/Gouiffes/Della Valle	07022	Fast photometry of the millisecond pulsar candidate (3.6m).
Danziger/Bouchet/Gouiffes/Lucy/Fransson/Mazzali/Della Valle	03005	SN 1987A (SEST, 1.5m Danish 2.2m, 3.6m).
Danziger/Carollo	01117	Optical and infrared colour gradients in early-type galaxies (2.2m, 1.5m Danish).
Danziger/Liu	04049	Observations of molecular hydrogen emission from planetary nebulae (3.5m NTT, 1.5m).
Danziger/Mendez/Kudritzki/Mazzali/Lucy/Ciarullo/Jacoby/Roth/Soffner	01053	Determining distances to galaxies with well-studied SN Ia's using the PNLf method (3.5m NTT).
De Angelis	08023	Asteroid photometry for pole and shape determination (0.9m Dutch).
De Boer/Will/Bomans/Seggewiss	03006	Spectroscopic improvement of the age determination of NGC 1948 (1.5m).
De Medeiros/Lèbre/Charbonnel	07107	Lithium and rotation in subgiant stars (1.4m CAT).
De Ruiter/Lub	02075	Variations of emission line and continuum intensities in Seyfert nuclei (0.9m Dutch, 1.5m).
De Winter/Thé	07137	Detection of mass-outflow indicators of newly discovered young stellar objects of intermediate mass (0.9m Dutch).
De Winter/Van den Ancker	07135	Astrophysical properties of newly found early-type young stars associated with strong IRAS-sources (0.5m Danish, 1.5m, 0.5m).
Della Valle/Bianchini/Duerbeck/Oegelman/Orio	07025	Novae as standard candles: calibrations of nova shells (3.6m).
Dennefeld/Bertin/Boulanger/Moshir	01050	The nature of the faintest IRAS galaxies and galaxy evolution (3.6m).
Dieters/Van der Klis	07138	Spectrophotometry of CP Pub: Weighing the white dwarf (1.5m).
Doyle/Houdebine/Gunn	07033	Eclipse imaging of active binaries: coronal mass ejections & related phenomena (1.4m CAT).
Drossart/Forni/Benit/Bibring/Lellouch/Rosenqvist	08013	Observations of the Jovian system at 4 microns with COME-ON PLUS (3.6 m).
Dürbeck/Seitter	07046	Accretion disk properties and masses of bright exnovae (1.5 m).
Duquenooy/Mariotti/Mayor/Perrier	07104	Infrared imaging of very low mass companions to nearby stars (3.6 m).
Duquenooy/Mayor	07103	Stellar duplicity of very low mass stars (1.5 m Danish).
Elst	08010	L5 Trojan search (Schmidt).
Falomo/Pesce/Treves	02005	The environment of BL Lacertae objects (3.5 m NTT).
Favata/Barbera/Micela/Sciortino	07042	Lithium abundance determination in a sample of volume-limited main-sequence K stars (1.4 m CAT).
Favata/Barbera/Micela/Sciortino/Schachter	06004	Identification and classification of candidate stellar Einstein Slew Survey sources (1.4m CAT, 1.5 m).
Favata/Micela/Sciortino	07041	Lithium abundance in a sample of active binaries with known levels of X-ray emission (1.4 m CAT).
Felenbok/Jablonka/Alloin/Arimoto/Bica/Balkowski/Cayatte/Kraan-Korteweg	01062	1. Spectrophotometric properties of spiral galaxies; 2. Search in the Galactic plane toward the Great Attractor (3.6 m).

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Ferlet/Hobbs/Wallerstein	04023	Variable interstellar absorption within the Vela supernova remnant (1.4 m CAT).
Ferrari/Bucciarelli/Massone/Pizzuti/Koornneef/ Lattanzi/Lasker/Postman/Siciliano/Le Poole Forni/Bibring/Benit	05030	Photometric calibrations for the southern sky surveys (0.9 m Dutch).
Freudling/Alonso/Da Costa/Wegner	08012	Observations of the Jovian system at 2 microns with COME-ON-PLUS (3.6 m).
Fusi Pecci/Cacciari/Bragaglia/Ferraro/Carretta	01090	The peculiar motion of galaxies and the density of the Universe (1.5m Danish, 1.5m).
Gahm/Carlqvist/Mattila/Kaas	05009	UV survey of Galactic globular clusters (1.5 m Danish).
Galletta/Piccoli/Tomadini	04025	Serpentine structures in the Chamaeleon Dark Clouds (Schmidt).
Gehren/Baumüller/Fuhrmann/Reetz	09001	A search for Sun companions (1.4 m CAT).
Gemmo	07026	CNO abundances in metal-poor stars (3.6 m).
Genzel/Beckers/Léna/Sams/Brandl	07039	An infrared search for companions to white dwarfs (2.2 m).
	01066	Diffraction limited K-band studies of high-z galaxy evolution and morphology (3.6 m).
Gochermann/Tappert	03018	Physical and chemical parameters of LMC supergiants from medium-resolution spectroscopy (1.5 m).
Gochermann/Tappert	03017	Physical parameters of LMC supergiants from UBVRI-JHKL photometry (1 m).
Gochermann/Zaum/Tappert	03019	UBV photometry of LMC galactic foreground and member stars (0.5 m).
Gosset/Manfroid/Vreux/Smette	07013	Study of eclipses of the SB1 system WR22 (0.5 m Danish).
Gosset/Moreau	02031	A multi-technique quasar survey: the variability criterion (Schmidt).
Gosset/Moreau	02030	An objective-prism survey for high redshift quasars: a feasibility test (Schmidt).
Gouiffes/Oegelman/Augusteijn/Bouchet	03030	Optical search for the pulsar in SN1987A. (3.6 m).
Gredel	04017	Narrow band imaging of Herbig-Haro objects and jets in H and K (2.2 m).
Gredel	04016	Near-infrared spectroscopy of Herbig-Haro objects and jets (3.5 m NTT).
Gredel/Kopp	04018	Interstellar molecular absorption lines towards southern OB associations (1.4 m CAT).
Grenier/Gouiffes/Oegelman	07139	Fast photometry of the Vela gamma-ray pulsar (3.6 m).
Griffin R.E./Griffin R.E.M./Mayor/Clube	05017	Radial velocities of stars in the Clube selected areas (1.5 m Danish).
Gustafsson/Andersen J./Edvardsson/Nissen	05031	The transition from the thick to the thin galactic disk (1.4 m CAT).
Henning/Launhardt	05001	A 1.3mm continuum and CO outflow search for extreme class I sources (SEST).
Hensberge/David/Verschueren	05032	Study of the double-lined eclipsing binary NGC 2244-200 = V578 Mon (0.5 m Danish)
HES/Barthel/Peletier	02028	Infrared imaging of hotspots in radio sources (2.2 m).
Heydari-Malayeri/Rigaut	03008	High resolution investigation of the most massive stars in the Magellanic Clouds (3.6 m).
Hillier/Kudritzki/Lennon/Butler/Hamann/ Wessolowski	07141	Constraints on massive star evolution from abundances in LMC WC stars (3.5 m NTT).
Hoffmann	08001	Structure of suspected composite asteroids (1.5 m Danish).
Hutsemékers/Van Drom/Remy	02021	Polarization properties of BAL QSOs (3.6 m).
Infante/Fouqué/Richtler/Quintana	01017	The distribution of dwarf galaxies in the Fornax Cluster (3.6 m).
Iovino/Chincarini/Garilli/Maccagni/Saracco	01093	K-band galaxy counts: the way to Q0? (2.2 m).
Israel/De Graauw/Van der Hulst/Lacy/Kelly	01095	Low resolution spectroscopy of galactic nuclei in the near-IR (3.5 m NTT)
Ivison/Seaquist/Hughes/Schwarz H.	07001	A simultaneous multi-frequency study of symbiotic stars: The cm-mm continuum (SEST).
Jerjen/Binggeli	01096	Exploring the spatial structure of the Centaurus Cluster by surface photometry of its dwarf galaxies (1.5 m Danish).
Jorissen/Mayor/North	07050	The evolutionary status of S stars and dwarf Barium stars (1.5 m Danish).
Jüttner/Baschek/Stahl/Wolf	03011	Abundances from early B-type giants in selected regions of the Magellanic Clouds (3.6 m).
Kaper/Hammerschlag/Blondin	06010	Simultaneous optical, UV, and X-ray observations of HMXRB Vela X-1 (1.4 m CAT).
Kneer/Bender/Krautter	01015	Spectroscopy of distant, faint clusters of galaxies (3.6 m).
Knude/Bowyer	04053	Distances of local EUV shadowing clouds (0.5 m Danish).
Kopp/Smette	02048	Search for CO in quasar absorption lines (SEST).
Kostiuk/Käufli/Livengood	08021	Morphology of Jupiter's thermal infrared aurorae (3.6 m).
Krautter/Alcalá/Schmitt/Mundt/Wichmann/ Zinnecker	07071	Search for weak-line T Tauri stars in Chamaeleon and Lupus (1.5 m).
Kudritzki/Mendez/Gabler/Puls/Roth	07090	Mass loss rates of central stars of planetary nebulae (3.5 m NTT).
Kürster/Hatzes/Cochran/Dennerl/Döbereiner	07002	High precision stellar radial velocities, part III (1.4 m CAT).
Kürster/Schmitt	07143	Towards a butterfly diagram for AB Dor (1.4 m CAT).
Lagage/Pantin	07095	Profile and composition of the inner dust disk of the β -Pictoris star (3.6 m).
Lagerkvist/Magnusson/Erikson	08005	Pole orientations and shapes of asteroids (1 m).
Lagrange/Vidal-Madjar/Ferlet/Corporon/De- leuil/Gry/Tobin	07116	High resolution survey of β Pictoris with the CES (1.4 m CAT).
Lamers/De Graauw/Waters/Loup/Van Hoof	07144	Infrared spectroscopy and imaging of LBV's (3.5 m NTT).
Lennon/Kudritzki/Dufton	03041	An intermediate dispersion spectroscopic survey of B-supergiants in the SMC (3.5 m NTT).
Lennon/Kudritzki/Husfeld/Herrero/Gabler	07016	Spectroscopy of luminous blue stars in the Local Group galaxies NGC 6822, IC 1613 and WLM (3.5 m NTT).
Liller/Alcaino/Alvarado/Wenderoth	03002	UBVRI photometry of Magellanic Clouds cluster standards (1m).
Lin Yun	07091	Near-infrared imaging of young stellar objects in Bok globules (2.2m).
Lin Yun	07019	Narrow-Band imaging of T Tauri stars associated with Bok globules (0.9m Dutch).
Lin Yun/Clemens	07047	Spectral energy distributions of young stellar objects in Bok globules: millimeter fluxes (SEST).

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Lin Yun/Clemens	07028	HCN survey of physical conditions in cores of star-forming Bok globules (SEST).
Lindblad P.A.B./Lindblad/Joersaeter	01036	Photometry of nearby barred spiral galaxies (1.5m Danish).
Lindblad/Joersaeter/Vaesterberg/Lindblad P.A.B.	02029	Active nuclei of NGC 613 and NGC 1365 (1.5m).
Loiseau/Combes	01097	CO observations of active interacting galaxies – III (SEST).
Lorenzetti/Moneti/Spinoglio/Liseau	07066	The initial luminosity function in the Vela star forming region (2.2m).
Loup/Hron/Kerschbaum/Zijlstra/Waters	07145	Oxygen-rich AGB-stars with 60 micron excess (1m, 1.5m).
Macchetto/Giavalisco/Steidel/Sparks	01098	Optical and near-infrared spectroscopy of radio-quiet galaxy candidates at $z > 3$ (3.5m NTT).
Magnan/De Laverny/Menessier	07021	UBVRI photometry of Mira variables during a whole cycle and study of the light curve in different cycles (0.5m).
Mandolesi/Crane/Attolini/Palazzi	04054	Small scale structure of diffuse interstellar clouds (1.4m CAT).
Marano/Zamorani/Zitelli/Cimatti/Giacconi/Hasinger	02038	Deep multi-colour imaging for faint X-ray sources and a search for faint quasar candidates ($22.0 < MB < 24.5$) (3.5m NTT).
Mariotti/Beuzit/Duquennoy/Eckart/Perrier	07049	Diffraction-limited imaging of the brown dwarf candidate G29-38B (3.6m).
Mathys/Landstreet/Lanz/Manfroid/Hubrig	07063	Ap stars with resolved magnetically split lines (1.4m CAT).
Megeath/Wilson	04003	A survey for dense gas in a young GMC (SEST).
Menard/Léna/Malbet/Català/Monin/Schuster	07100	Deep high angular resolution imaging of selected young stellar objects with COME-ON PLUS (3.6m).
Mermilliod/Mayor	05003	Constraints on stellar formation from orbital elements of cluster binaries (1.5m Danish).
Mermilliod/Turon/Gomez/Sellier/Guibert/Robichon	05014	Photometric calibration for open clusters observed with Hipparcos (1.5m Danish).
Meylan/Azzopardi/Dubath/Lequeux	01118	Search for dark matter in the Fornax dwarf spheroidal galaxy (3.5m NTT).
Meylan/Djorgovski/Thompson	02060	A search for quasar protoclusters at high redshifts (3.5m NTT).
Moeller/Warren	01033	The size and morphology of normal galaxies at $z=3$ (3.5m NTT).
Molaro/Rebolo/Martin E./Charles/Casares	06007	Search for lithium in black-hole systems (3.5m NTT).
Moneti/Zinnecker/Wilking	07118	Infrared imaging and photometry of southern T Tauri binary systems (2.2m).
Montmerle/André/Casanova/Cesarsky/Lagage	07097	Protostars and star formation activity in the Chamaeleon I cloud (3.6m).
Moorwood/Kotilainen/Van der Werf/Oliva	02008	Near-infrared spectroscopy of starburst and Seyfert galaxies (3.5m NTT, 2.2m).
Motch/Hasinger/Pietsch	06021	Spectroscopic study of a new luminous supersoft X-ray binary in the Galaxy (1.5m).
Mottola/Lagerkvist/Di Martino/Neukum	08024	Physical studies of Trojans and Outer Belt asteroids (1m).
Nußbaumer/Mürset/Schild/Schmid/Schmutz	07068	Wind structure of red giants in symbiotic systems (1.4m CAT).
Oliva/Moorwood/Origlia	05005	Near infrared spectroscopy of Magellanic Cloud clusters (3.5m NTT).
Oliva/Reconditi/Origlia/Moorwood	04007	Infrared line imaging of SMC/LMC supernova remnants (2.2m).
Omont/Walmsley/Chini/Lèbre/Menessier/Nyman/Forveille	07087	Bolometer monitoring of Mira variables (SEST).
Orio/Bianchini/Della Valle/Massone/Oegelman	07150	Optical identification of supersoft X-ray sources (1.5m Danish).
Pagani/Castets/Langer	04027	Search for ^{16}O ^{18}O towards cold dark clouds at 234 GHz (SEST).
Palazzi/Penprase/Casey	04024	High resolution spectroscopy of central stars in reflection nebulae (1.4m CAT).
Pallavicini/Gratton/Randich	07056	Lithium abundance and post-main sequence evolution (1.4m CAT).
Pallavicini/Haisch/Schmitt/Pasquini	06008	Chromospheres, coronae and winds of cool giants (1.4m CAT).
Panagi/Andrews/Bouchet	07055	Transient and short period phenomena in late-type stars (0.5m, 1m).
Paquet/Arimoto/Moellenhoff	01046	Line-strength gradients in disks of S0 galaxies (1.5m).
Paquet/Davies/Bender	01038	Low mass E/S0's: the building blocks of giant ellipticals? (3.5m NTT).
Paresce/Clampin/Roberto/Ferrari/Abbott	07151	Deep imaging of circumstellar disks with the NTT coronagraph (3.5m NTT).
Pasquini/Belloni	06003	X-ray sources and binaries in M67 (3.6m).
Pasquini/Randich/Andersen J.	07059	Hunting young, nearby G stars (1.4m CAT).
Patat/Barbon/Benetti/Cappellaro/Turatto	07152	The intrinsic colours of supernovae of type 1a (0.9m Dutch).
Peterson/D'Odorico/Moorwood/Tarengi/Yoshii/Silk	01073	Galaxy counts to faint K-prime magnitudes (2.2m).
Pettersson	07155	Young stellar objects in the direction of the Gum Nebula (0.9m Dutch, Schmidt).
Piotto/Aparicio/Djorgovski	05036	Stellar luminosity functions of the outer halo globular clusters (3.5m NTT).
Pogodin	07005	Circumstellar envelopes of AE Herbig stars of the PCyg-subgroup with inhomogeneous structure (1.4m CAT).
Pottasch/Manchado/Garcia-Lario/Sahu K.C.	04058	Direct imaging and photometry of proto-planetary nebulae candidates (0.9m Dutch).
Pottasch/Manchado/Garcia-Lario/Sahu K.C.	04057	Infrared spectroscopy of newly discovered IRAS proto-planetary nebulae (3.5m NTT).
Pottasch/Manchado/Garcia-Lario	04056	Optical spectroscopy of BQ[] stars and related objects (1.5m).
Prusti/Abraham/Palla	07151	Luminosity function of pre-main-sequence stars in Lupus (2.2m).
Ramella/Falco/Fabricant/Dressler/Tucker	01025	Spectroscopy of the giant gravitational arc in C10657-56 (3.5m NTT).
Rasmussen/Joergensen	01034	The fundamental plane for E and S0 galaxies in the Fornax (1.5m Danish).
Reimers/Köster	07080	An empirical test of the mass-radius relation for white dwarfs (3.6m).
Reinsch/Beuermann/Thomas H./Becker/Trümper/Motch/Pakull	06016	Optical counterparts of binary millisecond pulsars and supersoft X-ray sources (2.2m).
Reinsch/Beuermann/Thomas H.	06011	The nature of the peculiar cataclysmic variable KO Velorum (0.9m Dutch).
Reipurth	04020	Herbig-Haro jets from newborn stars (3.5m NTT).
Reipurth/Lago/Pedrosa	07061	H α emission lines in T Tauri stars: profiles and variability (1.4m CAT).
Richtler/Hilker/Gieren	03009	CCD Strömgren photometry of LMC cluster and field stars (1.5m Danish).
Rigaut/Léna/Gehring/Cuby	07099	High angular resolution imaging of η Car (3.6m).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Röttgering/Bremer	02065	Compact radio galaxies and the continuum alignment effect (2.2m).
Roueff/Kopp/Le Bourlot/Gerin	04059	Search for CS and CN in the diffuse clouds close to ζ Oph (SEST).
Rutten/Harlaftis/Dhillon/Van Paradijs	06002	Spatially-resolved spectra of accretion disks in cataclysmic variables (2.2m)
Saglia/Davies/Baggley/Colless/Burstein/ Bertschinger/McMahan/Wegner	01007	Peculiar velocities of galaxy clusters in the Pisces-Cetus supercluster (3.6m)
Schild/Tennyson/Miller	04006	Search for the molecular ion H^3+ in Orion (2.2m).
Schild/Vogel/Nußbaumer/Mürset/Schmid	07040	Symbiotic stars in the Magellanic Clouds (2.2m, 3.6m).
Schober	08019	Variable lightcurves of asteroids 258, 369 and 582 (0.5m).
Schutte/Van Dishoeck/Helmich/Tielens/Gredel	04004	Interstellar ice composition toward southern infrared sources (3.5m NTT).
Seaquist/Ivison/Evans/Schwarz H.	07034	A maser survey of symbiotic Miras (SEST).
Shaver/Wall/Kellermann	02001	A search for radio-loud quasars at $z>5$ (3.6m).
Siebenmorgen/Zijlstra/Gredel	04032	The dust composition in Herbig-Haro objects (3.5m NTT).
Simon/Saleck/Stutzki/Winnewisser	04038	Abundance and excitation of CN, ^{13}CN and C^{15}N in OMC1 (SEST).
Sivan/Perrin	04002	Spectrophotometry of reflection nebulae illuminated by late type stars (1.5m).
Sommer-Larsen/Christensen/Beers/Flynn	05007	Bright blue horizontal branch field stars in the inner galactic halo (1.5m).
Soucall/Kneib/Fort/Mellier	01027	Spectroscopic survey of the galaxies in S295, and redshift determination of the arcs in MS2137-23 (3.5m NTT).
Spite F./Spite M./François/Hill	05026	Abundances of Lithium and heavy elements in NGC 2004 (3.5m NTT).
Stark/Gredel	04011	Molecular absorption lines toward cometary interstellar cirrus clouds (1.4m CAT).
Stecklum/Eckart/Henning/Fischer	07102	High angular resolution observations of Herbig Ae/Be and Vega-like stars (3.6m)
Stecklum/Henning/Pfau	07086	NIR photometry of candidate pre-main sequence stars (1m).
Sterken	07015	Long-term photometry of variables (0.5m Danish)
Sterken	07014	Pulsating B stars in NGC 3293 (0.5m Danish).
Stirpe/Gianuzzo	02037	Are narrow line Seyfert 1 nuclei variable? (1.5m)
Surdej et al.	02047	Spectroscopic identification of gravitational lens candidates (3.5m NTT).
Telles/Kotilainen/Terlevich	01075	High resolution near-infrared imaging of HII galaxies (2.2m).
Thé/Grady/Perez	07051	High resolution and S/N spectroscopy of edge-on proto-planetary disk systems (1.4m CAT).
Thé/Molster	07010	Planet formation in proto-planetary dust clouds of Herbig Ae/Be stellar systems (0.5m).
Theuns/Warren	01056	Search and identification of intergalactic planetary nebulae in galaxy clusters (3.5m NTT).
Thomas H./Trümper/Beuermann/Reinsch/ Simon	06013	Spectroscopic identification of ROSAT X-ray sources near the South Ecliptic Pole (SEP) (1.5m)
Tinney	07070	A spectral atlas for the latest M-dwarfs (3.5m NTT).
Tinney	07069	Parallaxes of VLM stars (2.2m).
Tinney/Mould/Reid	05016	The kinematics of stars at the bottom of the main sequence (3.6m).
Toussaint/Reimers/Hünsch	07106	A high resolution study of short-lived absorption in three M giants (1.4m CAT).
Turon/Mermilliod/Gomez/Sellier/Guibert/ Robichon	05006	The core-halo structure of open clusters observed with Hipparcos (Schmidt).
Van de Steene/Sahai/Pottasch	07111	A search for molecular envelopes in newly discovered planetary nebulae (SEST).
Van der Blik/Gustafsson	07053	Chemical abundances analysis of the royal standard stars for ISO (1.4m CAT).
Van der Hülst/Van der Werf/De Graauw/Israel/ Joubert/Baluteau	03026	Excitation of HII regions in the Magellanic Clouds (3.6m).
Van der Kruit/De Grijs/Peletier	01021	Optical surface photometry of edge-on spiral galaxies (1.5m Danish).
Van der Werf/Van der Hülst	03027	Excitation of molecular and ionized gas in the Magellanic Clouds (2.2m).
Van Dishoeck/Helmich/Hogerheijde	04005	The chemical state of southern star-forming regions (SEST).
Van Dishoeck/Langevelde/Hogerheijde	04009	The nature and dust content of young stellar objects in Chamaeleon (SEST).
Van Winckel/Balm/Waelkens	07048	CH^+ of the Red Rectangle Nebula (1.4m CAT).
Vidal-Madjar et al.	09002	Is our halo dark matter made of compact objects? (Schmidt).
Waelkens	07030	η Orionis (1.4m CAT).
Waelkens/Mayor	07031	Radial-Velocity variations in post-AGB stars (1.5m Danish).
Wagner	02035	High resolution spectroscopy of the NLRS of NGC 1068 and NGC 1386 (3.6m).
Walsh/Walton/Pottasch	04015	Spectral classification and distances for binary star planetary nebulae (2.2m).
Wampler/Hazard/Turnshek	02044	An absorption-line study of chemical abundances in quasar nuclei (3.5m NTT, 3.6m).
Wampler/Wang	03035	The SN 1987A environment (3.5m NTT).
Wanders/Bergvall/Oestlin/Van Groningen/ Roennback/Olofsson/Oerndahl	02071	Host galaxies of intermediate-redshift quasars (3.5m NTT).
Warren/Iovino/Shaver	01055	The evolution of the galaxy correlation function (3.6m).
Warren/Pownall/Hewett	01113	$H\alpha$ emission from galaxies at $z>2$ (2.2m).
Waters/Zijlstra/Käufl/Van Winckel/Meixner	07093	10 micron direct imaging of detached envelopes around post-AGB stars (3.6m).
Way/Quintana/Infante	02073	A spectrophotometric survey of AGN in rich clusters of galaxies (2.2m).
Weigelt/Beckmann/Davidson/Kohl/Nußbaum/ Schöller/Seggewiss/Van Elst	07101	Speckle masking and speckle spectroscopy observations of stellar objects (2.2m).
West M.J./Bothum	01057	Globular cluster populations in Hickson compact groups (3.5m NTT).
West R./Hainaut/Marsden/Meech/Smette	08017	Activity in very distant comets (3.5m NTT).
Westerlund/Azzopardi/Breysacher	03004	Low-luminosity carbon stars in the Large Magellanic Cloud (2.2m).
Wild/Cameron/Eckart/Rothermel	02025	$^{12}\text{CO}/\text{C}^{18}\text{O}$ ratio in the nucleus of Centaurus A (SEST).
Wild/Eckart	01028	The molecular ISM of the starburst galaxy NGC 5188 (SEST).
Wolf/Kaufer/Mandel/Stahl/Gaeng/Gummers- bach/Sterken	07017	Structure and variability of the winds of A-type supergiants (0.5m).

Name(s)	ESO No.	Title of submitted programme and telescope(s)
Wolter/Maccacaro/Cillegi	06014	Search for distant clusters of unusual objects among unidentified EMSS sources (2.2m).
Zamorani/Giacconi/Hasinger/Marano/Mignoli/Zitelli	06015	Spectroscopic follow-up of ROSAT discovered X-ray sources in the "Marano Field" (3.6m).
Zijlstra/Loup/Waters/Tinney/Groenewegen	03028	TIMMI observations and infrared photometry of obscured AGB stars in the LMC (3.6m).
Zinnecker/McCaughrean/Meylan	03031	Testing the starburst paradigm in 30 Doradus (2.2m).

ANNOUNCEMENT

ESO/EIPC Workshop on The Light Element Abundances

Marciana Marina, Isola d'Elba
22–28 May 1994

A joint ESO/EIPC workshop on the Light Element Abundances will be held from 22 to 28 May 1994, at the Elba International Physics Center, Marciana Marina, Isola d'Elba, Italy.

The workshop is intended to discuss the theory and observations of the light elements ($z < 5$) in relation to the following topics:

- Primordial Abundances
- Elements at High Redshift
- Stellar Processes
- Interstellar Processes
- Galactic Evolution
- Isotopic effects

Organizing Committee:

P. Crane (ESO), R. Ferlet (Paris), F. Ferrini (Pisa), D.L. Lambert (Austin), P. Molaro (Trieste), P. Nissen (Aarhus), B. Pagel (NORDITA), L. Pasquini (La Silla), G. Steigman (Columbus).

Contact Address:

Phil Crane, European Southern Observatory
Karl-Schwarzschild-Str. 2, D-85748 Garching bei München, Germany
e-mail: crane@eso.org fax: +4989320-06-480/320-23-62

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.

Contact Address:

Georges Meylan, European Southern Observatory
Karl-Schwarzschild-Str. 2, D-85748 Garching bei München, Germany
e-mail: gmeylan@eso.org fax: +4989320-06-480/320-23-62

The European Southern Observatory (ESO) is an intergovernmental organization responsible for astronomical research in the southern hemisphere. The eight member States of ESO are Belgium, Denmark, France, Germany, Italy, the Netherlands, Sweden and Switzerland. As the prime European astronomical centre, ESO occupies a leading position in the world's scientific community. Its research work is of great value to many areas of science and industry.

Applications are invited for the position of (m/f):

Associate Director for Science (ref. ESD205)

within the Science Division at the ESO Headquarters, in Garching near Munich, Germany.

Assignment: a strong research-orientated scientific staff with diverse expertise is essential if ESO is to fulfil its mandate of providing and maintaining an international competitive multi-telescope observatory for its community of users. Within this framework, the Associate Director for Science will be responsible to the Director General for the overall quality of scientific research at ESO, for guiding the rebuilding and expansion of the scientific staff in anticipation of the Very Large Telescope era, for coordinating the participation of the scientific staff in the VLT project and for revitalizing the ESO Fellowship and Studentship programmes. A further responsibility will be to ensure the broad participation of the European astronomical community in all ESO activities and in particular in the VLT/VLT Interferometer programme.

Experience: the chosen candidate will have an outstanding record of achievement in one or more areas of modern astrophysics and will be widely experienced in the use of large ground-based optical telescopes. This will be combined with excellent management and leadership skills.

Contractual conditions: the Associate Directorship is intended as a tenured staff appointment. Nevertheless, serious consideration will be given to outstanding candidates willing to be seconded to ESO on extended leaves from their home institutions.

ESO remuneration and conditions: remuneration will be commensurate with background, experience and family status of the incumbent. The basic tax-free monthly salary will not be less than DM 12,402.–. To this may be added an expatriation allowance and other allowances depending on family status.

ESO staff enjoy highly-favourable working conditions and have every opportunity to demonstrate their skills in an international and creative environment equipped with advanced technologies.

Applications should specify the job reference and be submitted before October 31, 1993 to: The Director General, Prof. R. Giacconi, European Southern Observatory, Karl-Schwarzschild-Straße 2, D-85748 Garching near Munich, Germany. Tel. (089) 32006250.