

Telescope Time Awards Semester 1999B

ITP Programmes on the ING telescopes

- Browne (NRAL), *The CERES project: cosmology, luminosity functions and AGN unification*
- Ramella (Trieste), *Gravitational lensing: a cosmological and astrophysical tool*

William Herschel Telescope

UK PATT

- Bailey (AAO), *Spectro-astrometry of Pre-Main-Sequence stars*
- Barbieri (Padova), *Na emission from the Moon's atmosphere during the Leonids meteor shower*
- Barnes (St.Andrews), *Differential rotation patterns on α Persei dwarfs*
- Barstow (Leicester), *Metal abundances and temperatures scale of hot H-rich white dwarfs*
- Bowen (Ed. RO), *Spectroscopy identification of galaxies responsible of high-ionization QSO absorption lines*
- Browne (NRAL), *Search for 6" to 15" separation gravitational multiple imaging in JVAS/CLASS*
- Carter (J. Moores), *Kinematics of the Halo of M31*
- Charles (Oxford), *An optical/UV/X-ray study of luminous LMXB in a globular cluster*
- Crawford (Cambridge), *The composition of massive star formation in cooling flow galaxies*
- Davies (Durham), *SAURON observations of galaxies along the Hubble sequence: Bulges of spirals and lenticulars*
- Dhillon (Sheffield), *The mass ratio of AC Cnc*
- Ferguson (Cambridge), *Gas-phase chemical abundances in the extreme outer regions of disk galaxies*
- Fitzsimmons (Belfast), *The Exospheres and Ionospheres of Io and Europa*
- Jeffries (Keele Univ), *Plumbing the depths of the substellar mass function*
- Jeffries (Keele Univ), *Does Li I 6708Å line yield true photospheric lithium abundances in the Pleiades?*
- Knappen (Hertfordsh.), *H-alpha survey of nuclear star-forming rings in spirals*
- Laine (Hertfordsh.), *Stellar and gaseous kinematics in the bars of NGC 936 and NGC 7479*
- Liu (UCL), *High resolution spectroscopy of low-metallicity blue compact dwarf galaxies and the primordial He abundances*
- Mathieu (Nottingham), *Kinematics of planetary nebulae in SBO galaxies: dark Halos and Bars*
- McHardy (Southampton), *Deep R-band imaging of a Very deep XMM survey field*
- Merrifield (Nottingham), *What heats disk galaxies?*
- Oudmaijer (Imp.Coll.), *Are Hergib Ae/Be stars disk accretors?*
- Pinfield (Belfast), *The age of Praesepe and the initial-final mass relation for white dwarfs*
- Rawlings (Oxford), *The cosmic evolution of radio sources using the TEXOX 1000-radio source redshift survey*
- Robinson (Hertfordsh.), *Scattering geometries in radio-loud quasars*
- Shearer (Galway), *Simultaneous radio and high speed optical photometry of Geminga and Crab pulsars*
- Skidmore (Wyoming), *Rapid spectroscopy of the mysterious*

- pulsations in the dwarf nova WZ Sge*
- Smartt (ING), *Wolf-Rayet content of the starburst galaxy IC10: an anomaly for stellar and galactic evolution?*
- Smartt (ING), *A survey of massive, luminous blue supergiants in M31*
- Smith (Durham), *Investigating the role of compact groups in early-type galaxies evolution*
- Steeghs (St Andrews), *Spiral density waves in quiescent disc*
- Tanvir (Cambridge), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
- Wood (Keele), *Surface compositional anomalies in Close Binaries*

NL NFRA PC

- de Zeeuw (Leiden), *SAURON observations of galaxies along the Hubble sequence: giant elliptical and lenticulars*
- Ehrenfreund (Leiden), *Environment of diffuse interstellar bands in Perseus OB2 and Cepheus*
- Gerssen (Groningen), *Patterns speeds of Bars*
- Groot (Amsterdam), *Spectroscopy of variable sources detected in the INT/WFC faint sky variable survey*
- Higdon (Groningen), *Metal abundances in extragalactic Tails and Bridges*
- Luu (Leiden), *Spectroscopy of outer Jovian satellites*
- Luu (Leiden), *Rotational Kuiper Belt Objects*
- Swaters (Groningen), *Stellar velocity dispersion measurements of late dwarf galaxies*
- v.d. Berg (Utrecht), *Spectroscopy of peculiar X-ray stars in the open clusters NGC752 and NGC6490*
- Vreeswijk (Amsterdam), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*

SP CAT

- Aretxaga (INAOE), *Spectro-photometric tracking of compact remnants of supernovae*
- Benítez (Berkeley), *A new method for cluster mass reconstruction*
- Centurión (IAC/OAT), *Deuterium abundance in high redshift QSO absorption systems*
- Díaz (UAM), *Determination of the electronic temperature in H-II high-metallicity regions*
- Fernández-S (NS Wales), *The definitive primordial D/H measurement: Phase I: Object selection*
- Israelian (IAC), *Searching for the evidence of supernova events in the low mass X-ray binary systems Her X-1 and Cyg X-2*
- Mediavilla (IAC), *2D Spectroscopy in gravitational lens systems*
- Muñoz (IAC), *Spectroscopic study into the birth of dwarf galaxies around mergers*
- Pérez (IAA), *Stellar dynamic and circumnuclear structure in isolated active galaxies*
- Pérez (IAC), *Kinematical study of the merger NGC1144*
- Rebolo (IAC), *Oxygen abundances in extremely metal-poor stars and the first nucleosynthesis events in the Galaxy*
- Serra (IAC), *Limits to Omega₀ and Lambda₀ using statistic analysis of radio-sources*
- Solano (LAEFF), *Multiobject spectroscopy of the globular cluster M15*

Isaac Newton Telescope

UK PATT

- Bode (LJMU), *Large scale nebulae associated with previous evolutionay phases of interacting binaries*
- Dhillon (Sheffield), *The masses of cataclysmic variables*
- Fitzsimmons (QUB), *The composition of Kuiper Belt comets*
- Hewett (IoA), *Probing the dark halo of M31 with pixel microlensing*
- Jefferies (Keele), *Plumbing the depths of substellar mass function*
- Keenan (QUB), *The origin of runaway B-type stars in the Galactic halo*
- McClure (Edinburgh), *H β emission-line determination of the black-hole masses in radio-quiet and radio-loud AGN*
- McHardy (Soton), *Deep U and B-band imaging of a very deep XMM survey field*
- M-Rueda (Soton), *Spectroscopy of dwarf novae in outburst*
- Naylor (Keele), *A new method of determining component masses in CVs*
- Ray (Dublin), *Proper motions of large scale Herbig-Haro flows from young stars*
- Tanvir (Cambridge), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
- Wilkinson (NRAL), *Constraints on the frequency of cluster lensing: spectroscopy of lens search targets*
- Wood (Keele), *Is magnetic activity suppressed in rapidly rotating M-dwarfs in close binaries?*

NL NFRA PC

- Foing (ESA), *Surface structures and flares on active stars observed by AXAF*
- Le Poole (Leiden), *Assessing the quality of the GSC-II photographic photometry at the faint magnitude limit*
- Sackett (Kapteyn), *The MEGA survey: mapping microlensing in M31*
- Stempels (Uppsala), *Spectroscopy of Hydrogen Balmer lines*
- Tschager (Leiden), *The optical hosts of young radio sources - redshifts (2)*

UK/NL WFS Programmes

- Dalton (Oxford), *A Deep UBVRI Imaging Survey with the WFC*
- McMahon (IoA), *The INT Wide Angle Survey*
- Paradijs (Amsterdam), *Faint Sky Variability Survey*

SP CAT

- Aparicio (IAC), *Old Halos in Dwarf Galaxies*
- Esteban (IAC), *Interacting and merging phenomena in H-II galaxies*
- F-Figueroa (UCM), *Simultaneous behaviour of several activity indicators in active binary stars*
- Gallego (UCM), *Evolution of the Star Formation Rate density of the Universe at intermediate redshift*
- García (IAC), *Optical counterparts and lithium abundances of ROSAT-discovered candidates in α Per, Orion and Taurus*
- Gómez (IAC), *Spectra of type II n -Seyfert-1 supernovae in the nebular phase: interaction with the circumstellar medium*
- González (IAC), *Doppler tomography of the cataclysmic*

variable WX Arietis

- Ribas (Barcelona), *Measurement of the distance to M31 from eclipsing binaries*
- R-Lapuente (Barcelona), *High redshift supernovae: towards the determination of Omega matter and Omega Lambda and the high-z supernova rate*
- Serra (IAC), *Limits to Omega $_0$ and Lambda $_0$ using statistic analysis of radio-sources*

Jacobus Kapteyn Telescope

UK PATT

- C-Brown (QUB), *Search for evidence of outgassing in Kuiper Belt objects*
- Dhillon (Sheffield), *The masses of cataclysmic variables*
- Fitzsimmons (QUB), *The composition and origin of Near-Earth Asteroids*
- James (St Andrews), *Rotation period determinations in the intermediate-aged open cluster NGC 1039 (M34)*
- Knapen (Hertfordsh.), *Arm vs. interarm star formation processes in spiral galaxies*
- Rolfe (OU), *Red and blue photometry of PX And*
- Seigar (Ghent), *Optical properties of the disk of spiral galaxies*
- Smith (Cork), *Characterising the properties of the newly discovered Intermediate BL Lac objects*
- Steele (LJMU), *Low mass star evolution from ~100 to ~1000 Myr*
- Tanvir (Cambridge), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
- Walton (ING), *Photometric follow-up of intermediate redshift type Ia SN*
- Warren (IC), *Remote halo blue horizontal branch stars and the mass of the Milky Way*
- Williams (QMW), *Astrometry and photometry of the satellites of Saturn*

NL NFRA PC

- Barthel (Groningen), *Completion of multi-color search for very high redshift QSO candidates*
- Le Poole (Leiden), *Photometric Calibrations for the second generation Guide Star Catalog (GSC-II)*
- Tschager (Leiden), *The optical hosts of young radio sources - optical identification (3)*

SP CAT

- de Diego (IAUNAM), *Spectral characterisation of microvariability in quasars*
- Delfosse (IAC), *Accurate optical and infrared photometry of field very low mass stars and brown dwarfs*
- Kemp (IAC), *The structure and colours of the envelopes of cD galaxies*
- Oscoz (IAC), *Fast fluctuations in the gravitational lens Q0957+561*

Abbreviations

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| CAT | Comité para la Asignación de Tiempo |
| NFRA | National Foundation for Research in Astronomy |
| NL | The Netherlands |
| PATT | Panel for the Allocation of Telescope Time |
| PC | Programme Committee |
| SP | Spain |
| UK | United Kingdom |
| WFS | Wide Field Survey |