Telescope Time Awards Semester 2000A

ITP Programmes on the ING Telescopes

– Barcons (Santander), *An XMM international survey — AXIS: the origin of the hard X-ray background*
– Pérez-Fournon (IAC), *Optical and near-infrared follow-up of the European large area (ELAIS) and ISOCAM Lockman Hole (ILHS) ISO surveys*

William Herschel Telescope

UK PATT

– Bower (Durham), *Galaxy evolution in poor clusters*
– Burleigh (Leicester), *The mass distribution, magnetic field function and origin of magnetic white dwarfs*
– Cameron (St Andrews), *The albedo spectrum of the giant exoplanet orbiting τ Boo*
– Clements (Cardiff), *Arp 220 integral field spectroscopy: supporting CHANDRA observations*
– Davies (Durham), *Mapping early type galaxies along the Hubble sequence*
– Haswell (OU), *Outbursts in black hole X-ray transients: coordinated WHT/RXTE/HST observations* (99A, long-term)
– Jeffery (Armagh), *Asteroseismology of pulsating subdwarf B stars and a DB white dwarf*
– Jeffries (Keele), *The true lithium abundance in halo stars*
– Kleyna (IoA), *Dark matter in the UMi and Draco dwarf spheroidal galaxies*
– Knapen (Herts/ING), *Star formation in arm and interarm environments in spiral galaxies*
– Knapen (Herts/ING), *Hα survey of nuclear star-forming rings in spirals*
– Mathieu (Nottingham), *Dynamics of superthin galaxies*
– Maxted (Southampton), *Testing theories of common envelope evolution with double degenerates*
– Merrifield (Nottingham), *Mapping elliptical galaxy mass distributions using gravitational redshift*
– McHardy (Southampton), *Deep R-band imaging of very deep XMM survey fields*
– McMahon (IoA), *Probing the ionization state of the universe at z>5*
– Morales-Rueda (Southampton), *What distorts the radial velocity curves of accretion disks?*
– Pettini (IoA), *The large-scale structure of galaxies at redshift z≈3*
– Pollacco (QUB), *Restarting the fast wind in the Sakurai object (V4334 Sagittarii)*
– Rawlings (Oxford), *The cosmic evolution of radiosources using the TEXOX 1000-radiosource redshift survey (99B, long-term)*
– Rawlings (Oxford), *Evolution of z~1 6C galaxies: discerning the role of the radio source*
– Refregier (IoA), *Measuring the cosmic shear arising from large-scale structure*
– Ryan (OU), *The primordial lithium abundance*
– Sarre (Nottingham), *Search for diffuse band carriers in the circumstellar shell of IRC+10°216*
– Serjeant (ICSTM), *Optical wide field imaging of CHANDRA/ISO/UK sub-millimetre survey area*
– Skillen (ING), *Rapid observation of gamma–ray burst optical afterglows*
– Smail (Durham), *A joint WHT/HST survey of the galaxy populations within lensing clusters*
– Storey (UCL), *H-deficient knots as the cause of spatial abundance variations in planetary nebulae*
– Tadhunter (Sheffield), *The physics of the narrow line region in powerful radio galaxies*
– Tanvir (Herts), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
– Terlevich (Birmingham), *The triggering mechanism for the Butcher-Oemler effect*
– Walton (ING), *Lambda – Omega: The low redshift Type Ia SN connection*

NL NFRA PC

– van den Berg (Utrecht), *High-resolution spectroscopy of two blue straggler binaries in M67*
– Best (Leiden), *Emission line gas inside and outside CSS radio sources: determining the origin of the gas*
– Best (Leiden), *Evolution of z~1 6C galaxies: discerning the role of the radio source*
– Bézecourt (Kapteyn), *R and Z band imagery of cluster A2219 for the determination of photometric redshifts*
– Douglas (Kapteyn), *Planetary nebulae in Virgo cluster galaxies*
– Kregel (Kapteyn), *The stellar velocity distribution in the thin disk of NGC 5529*
– Luu (Leiden), *Rotational properties of Kuiper Belt objects*
– Pickering (Kapteyn), *Near-IR imaging of low surface brightness galaxies*
– Vreeswijk (Amsterdam), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
– van der Werf (Leiden), *Distant submillimeter galaxies – their nature and their redshift distribution*
– de Zeeuw (Leiden), *Mapping galaxies along the Hubble sequence*

SP CAT

– Aretxaga (INAOE), *The QSO – host galaxy luminosity relationship at z=2*
– Cairós (IAC), *Infrared photometry of blue dwarf galaxies: the low surface brightness component*
– Colina (IFCA), *Integral field spectroscopy of ultraluminous infrared galaxies*
– Colina (IFCA), *A study of galaxies under star formation at high redshift*
– Díaz (UAM), *Determination of the velocity dispersion in starforming circumnuclear regions*
– González (IAC), *Star formation history in galaxies from mid-infrared measurements*
– Israelian (IAC), *Searching for the evidence of supernova events in the low mass X-ray binary systems Her X-1 and Cyg X-2*
– López (IAC), *Kinematics of the nuclear bar of NGC 5850*
– Pérez (IAA), *Stellar dynamics and circumnuclear structure in isolated galaxies*
– Pérez-Fournon (IAC), *Mach disks and bow shocks in NGC 4258: testing the role of mechanical energy in AGN NLR's*
– Rodríguez (IAC), *Fe abundance in blue compact galaxies*

Isaac Newton Telescope

UK PATT

– Benn (ING), *Extinction of background radio galaxies by foreground spirals*
– Croom (ICSTM), *A photometric redshift survey in deep X-ray fields*

Important Dates

Deadlines for submitting applications

UK and NL PATT:
31 March, 30 September

SP CAT:
1 April, 1 October

ITP:
30 June

Semesters

Semester A:
1 February – 31 July

Semester B:
1 August – 31 January

– Ellis (IoA), *Comparisons of star formation diagnostics in the local and intermediate redshift universe*
– Howarth (UCL), *Colliding winds in massive close binaries*
– Keenan (QUB), *Identification of hot stars in globular clusters*
– Maxted (Southampton), *Are sub-dwarf B stars the result of common-envelope evolution?*
– McMahon (IoA), *A public near IR imaging survey on the INT*
– Morales-Rueda (Southampton), *Spectroscopy of dwarf novae in outburst (99B, long-term)*
– Naylor (Keele), *Does magnetic activity drive mass transfer in cataclysmic variables?*
– Stetson (DAO), *Helium burning variables in Ursa Minor and Draco dwarf spheroidals*
– Tanvir (Herts), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*
– Terlevich (Birmingham), *The photometric properties of galaxy groups*
– Watson (Leicester), *Wide field imaging for the XMM serendipitous sky survey*

NL NFRA PC

– Jimenez (Kapteyn), *A much-improved stellar library for stellar population synthesis*
– Orosz (Utrecht), *Atmospheric parameters of subdwarf binary stars*
– Tschager (Leiden), *The optical hosts of young radio sources – redshifts (3)*
– Vreeswijk (Amsterdam), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*

UK/NL WFS Programmes

– Dalton (Oxford), *The Oxford deep WFC imaging survey*
– Davies (Cardiff), *Multi-coloured large area survey of the Virgo cluster*
– Driver (St Andrews), *The Millenium galaxy catalogue*
– McMahon (IoA), *The INT wide angle survey*
– Groot (Amsterdam), *The faint sky variability survey*

SP CAT

– Aparicio (IAC), *The north-west tidal current in Sagitarius*
– Caon (IAC), *The environment's influence on the ionised gas in elliptical galaxies*
– González-Serrano (IFCA), *Redshifts of bright galaxies from the Westerbork radio survey*
– Hammersley (IAC), *A deep multi-wavelength survey of the galactic plane*
– Marín (IAC), *Globular cluster systems in Coma*
– Martínez-Delgado (IAC), *Structure of tidal residuals in the Ursa Minor galaxy*
– Nebot (Barcelona), *Physical parameters of the open clusters NGC 1817, NGC 1807 and NGC 2548*

– Pérez-Fournon (IAC), *Near-infrared imaging of a deep CHANDRA X-ray survey*
– Rosenberg (IAC), *Galactic globular cluster relative ages and the Milky Way formation (II)*
– Vazdekis (Durham), *Horizontal branch effects in the spectra of globular clusters*
– Vega (IAC), *Search for galaxies with orthogonal rotating bulge and disk*
– Vílchez (IAA), *An Hα survey of the Coma and A1367 Clusters*

Jacobus Kapteyn Telescope

UK PATT

– James (LJMU), *A survey of star formation in the local universe*
– Knapen (Herts/ING), *Star formation in arm and interarm environments in spiral galaxies*
– Norton (OU), *Photometric study of the newly discovered intermediate polar 1WGA J1958.2+3232*
– Seigar (Gent), *Optical properties of the disks of spiral galaxies*
– Shahbaz (Oxford), *Probing the accretion disc in SW Sex type stars*
– Sorensen (ING), *The binary frequency in planetary nebula central stars: short period objects*
– Tanvir (Herts), *Rapid imaging of GRB error boxes and spectroscopy of GRB–related optical/IR transients*
– Tsapras (St Andrews), *A search for planetary anomalies on high amplification microlensing events*
– Walton (ING), *Lambda – Omega: the low redshift Type Ia SN connection*
– Warren (ICSTM), *Remote halo blue horizontal branch stars and the mass of the Milky Way (99B, long-term)*
– Woolf (Armagh), *Photometry of pulsating helium stars*

NL NFRA PC

– van den Berg (Utrecht), *Photometric monitoring of an X-ray blue straggler in M67*
– van der Hulst (Kapteyn), *R-band imaging of galaxies in the WHISP sample*
– Pickering (Kapteyn), *B-band imaging of LBS galaxies*
– Vreeswijk (Amsterdam), *Rapid imaging of GRB error boxes and spectroscopy of GRB-related optical/IR transients*

SP CAT

– Delfosse (IAC), *Accurate optical and infrared photometry of field very low mass stars and brown dwarfs*
– de Diego Onsurbe (IAUNAM), *Spectral characterisation of quasar microvariavility*
– Nebot (Barcelona), *Physical parameters of the open clusters NGC 1817, NGC 1807 and NGC 2548*

Abbreviations

AAO	Anglo-Australian Observatory
CAT	Comité para la Asignación de Tiempo
CfA	Harvard-Smithsonian Centre for Astrophysics
DAO	Dominion Astrophysical Observatory (Canada)
DIAS	Dublin Institute for Advanced Studies
ESTEC	European Space Technology Centre
HST	Hubble Space Telescope
IAA	Instituto de Astrofísica de Andalucía
IAC	Instituto de Astrofísica de Canarias
IAUNAM	Instituto de Astronomía de la Universidad Nacional Autónoma de México
IC	Imperial College London
ICSTM	Imperial College of Science, Technology and Medicine
IFCA	Instituto de Física de Cantabria
INAOE	Instituto Nacional de Astrofísica, Optica y Electrónica (Mexico)
IoA	Institute of Astronomy
ITP	International Time Programme
LJMU	Liverpool John Moores University
MSSL	Mullard Space Science Laboratory
MSSSO	Mount Stromlo and Siding Spring Observatories
NBST	National Board of Science and Technology of Ireland
NFRA	Netherlands Foundation for Research in Astronomy
NL	The Netherlands
OAN	Observatorio Astronómico Nacional (Spain)
OU	Open University (UK)
PATT	Panel for the Allocation of Telescope Time
PC	Programme Committee
QUB	Queen's University of Belfast
RAL	Rutherford Appleton Laboratory
SP	Spain
STScI	Space Telescope Science Institute
UAM	Universidad Autónoma de Madrid
UCL	University College London
UCLAN	University of Central Lancashire
UK	The United Kingdom
WFS	Wide Field Survey