

Telescope Time Awards Semester 2003A

For observing schedules please visit this web page:
<http://www.ing.iac.es/ds/sched/>.

William Herschel Telescope

UK PATT

- Almaini (IoA), Measuring black hole masses in narrow-line Seyfert 1 galaxies. **W/2003A/63**
- Charles (Southampton), Probing the accretion geometry of a quiescent black hole. **W/2003A/52**
- Croom (AAO), A deep wide-field infrared survey for QSOs. **W/2003A/4**
- Dhillon (Sheffield), Recurrent novae as Type Ia supernova progenitors. **W/2003A/8**
- Ivison (ATC), A narrow-band imaging survey of SCUBA galaxies. **W/2003A/14**
- James (John Moores), Cluster evolution and the origin of starburst dwarf galaxies in Abell 1367. **W/2003A/40**
- Jeffery (Armagh Obs.), Physical parameters for helium-rich subdwarf B stars — an unexplored evolutionary sequence. **W/2003A/36**
- Jeffery (Armagh Obs.), Analysing sdB star companions to test binary star evolution theory. **W/2003A/51**
- Kleyyna (IoA), Dark matter in the UMi dwarf spheroidal. **W/2003A/17**
- Knapen (Hertfordshire), Stellar kinematics of the bar and circumnuclear region of M100. **W/2003A/65**
- Kodama (NAO, Tokyo), History of galaxy mass assembly in the hierarchical universe at $z \sim 1$. **W/2003A/12**
- Marsh (Southampton), ULTRACAM observations of interacting binary stars. **W/2003A/37**
- Meikle (ICL), Detailed study of the physics of nearby Type Ia supernovae. **W/2002B/23 (override, long term)**
- Meikle (ICL), Direct detection and study of supernovae in nuclear starbursts. **W/2002B/56 (long term)**
- Merrifield (Nottingham), Determining the dynamics of round elliptical galaxies using the Planetary Nebula Spectrograph. **W/2003A/38**
- Miller (Oxford), Wide-separation gravitational lenses from the 2dF QSO Redshift Survey. **W/2003A/33**
- Nelemans (IoA), Testing common envelope theory and SN Ia progenitor models with double white dwarfs. **W/2003A/25**
- Page (Mullard Space Science Lab), Optical identification of X-ray sources in the 13H XMM-Newton/Chandra spectroscopic survey. **W/2003A/42**
- Poggianti (OAP), Star formation and morphological evolution of galaxies in clusters. **W/2002B/28 (long term)**
- Pollacco (QUB), Characterising the Planetary Nebula binary central star population. **W/2003A/22**
- Rawlings (Oxford), FLAGS — the First Look Active Galaxy Survey. **W/2003A/39**
- Roberts (Leicester), A spectroscopic study of the counterparts and environments of ultraluminous X-ray sources. **W/2003A/27**
- Smith (Hertfordshire), Spectropolarimetric constraints on the broad-line region in narrow-line Seyfert 1 galaxies. **W/2003A/18**
- Smith (Hertfordshire), Scattering geometries and the broad-line region in radio-quiet Quasars. **W/2003A/20**
- Tanvir (Hertfordshire), The origin and physics of Gamma-Ray Bursts. **W/2003A/30 (override)**
- Wilkinson (IoA), Constraining the structure of Draco's dark halo — radial velocities at large radii. **W/2003A/35**

NL NFRA PC

- Douglas (Kapteyn), Determining the dynamics of round elliptical galaxies using the Planetary Nebula Spectrograph. **w03an008**
- Förster Schreiber (Leiden), Near-infrared snapshot survey for bright lensed red high-redshift galaxies. **w03an001**
- Habing (Leiden), Census of asymptotic giant branch stars in northern Local Group galaxies. **w03an009**
- Jarvis (Leiden), The Fundamental Plane and black hole masses of $z=0.5$ radio galaxies. **w03an004**
- Thi (Amsterdam), Gas and dust in the protoplanetary disk around the Herbig AeBe star HD 141569. **w03an007**
- Wijers (Amsterdam), The origin and physics of Gamma-Ray Bursts. **w03an005 (override)**
- de Zeeuw (Leiden), SAURON mapping of the Virgo ellipticals. **w03an003**

SP CAT

- Abia (Granada), Production of Li in carbon stars and its metallicity dependence. **W6/2003A**

- Arribas (STSCI), INTEGRAL spectroscopy of galaxies, ULIRGs, gravitational lenses and QSOs. **W25/2003A**
- Balcells (IAC), Bi-dimensional spectroscopy of galactic bulges. **W26/2003A**
- Castro-Tirado (IAA), The nature of the GRBs. **W5/2003A (override)**
- Gallego (Complutense, Madrid), The evolution of the Star Formation Rate density of the universe up to $z=0.8$. **W17/2003A**
- García-Lario (ESA-VILSPA), Subarcsecond observations of PNe precursors and young Proto-Planetary Nebulae. **W22/2003A**
- Gizani (CAAUL, Lisboa), Rings in powerful radio galaxies. **WG13/2003A**
- González (IAC), Spectropolarimetry of SW Sex systems. **W18/2003A**
- Herrero (IAC), Metal abundances in Cyg OB2. **W24/2003A**
- Iglesias (Marseille), A redshift survey of a UV-selected sample of cluster galaxies. **W2/2003A**
- Pascual (UCM), Physical properties and chemical abundances of the population of current star-forming galaxies at $z=0.24$. **W28/2003A**
- Pohlen (IAC), A test of the bar-peanut connection in a bulge-less galaxy. **W16/2003A**
- Ruiz-Lapuente (Barcelona), Stellar companions to supernovae. **W1/2003A**
- Sánchez (IAC), Direct detection of giant planets around young nearby stars. **W19/2003A**
- Shahbaz (IAC), High time resolution optical studies of quiescent X-ray transients. **W15/2003A**

Spanish Additional Time

- Barrado (LAEFF-INTA), Brown dwarfs in open clusters: the substellar mass function and the new lithium age scale. **W31/2003A**
- Cepa (IAC), The OTELO project: deep BRI survey of GROTH and SIRTF-FLS. **W32/2003A**
- Cristóbal (IAC), A study of extreme star-forming galaxies at high- z . **W33/2003A**
- Vilchez (IAA), A search for star forming galaxies in nearby clusters. **W115/2003A**

TNG-TAC

- Fasano (OAP), Star formation and morphological evolution of galaxies in nearby clusters with WYFFOS. **T061**
- Trevese (Roma), Investigating the nature of Low Luminosity Active Galactic Nuclei (LLAGN). **T057**

Isaac Newton Telescope

UK PATT

- Benn (ING), Star-formation rate at $z > 4$; searching for the epoch of reionisation. **I/2003A/33**
- Fitzsimmons (QUB), Rapid-response astrometry of potentially hazardous asteroids. **I/2003A/28 (override)**
- Gaensicke (Southampton), The cataclysmic variable population of the Hamburg Quasar Survey. **I/2003A/12**
- Gilmore (IoA), Eclipsing K/M-dwarf binaries and the low mass stellar mass-luminosity-radius relations. **I/2003A/29**
- Howarth (UCL), Rotational velocities of Be stars. **I/2003A/6**
- Keenan (QUB), The distances to the M15 and Complex K intermediate velocity clouds. **I/2003A/2**
- Maddox (Nottingham), Making monsters — the origin of brightest cluster galaxies. **I/2003A/23**
- Marsh (Southampton), Identification of faint stellar ROSAT sources, part II. **I/2003A/19**
- Meikle (UCL), Detailed study of the physics of nearby Type Ia supernovae. **I/2002B/9 (override, long term)**
- Morales-Rueda (Southampton), The key to binary star evolution. **I/2003A/13**
- Snellen (Edinburgh), The space-density of high redshift FR I radio galaxies. **I/2003A/9**
- Tanvir (Hertfordshire), The Origin and Physics of Gamma-Ray Bursts. **I/2003A/20 (override)**

NL NFRA PC

- Habing (Leiden), Monitoring of asymptotic giant branch stars in Local Group Galaxies. **i03an006**
- Helmi (Utrecht), Star streams and high velocity clouds in the Milky Way halo. **i03an003**

- Kuijken (Groningen), Sloan standard fields for the photometric calibration of OmegaCAM. **i03an001**
- Wijers (Leiden), The origin and physics of gamma-ray bursts. **w03an005 (override)**

UK/NL WFS Programmes

- Dalton (Oxford), The Oxford deep WFC survey. **WFS/2002A/6**
- van den Heuvel (Amsterdam), The faint sky variability survey II. **WFS/2003A/1**
- McMahon (IoA), The INT wide angle survey. **WFS/2003A/8**
- Walton (ING), The Local Group census. **WFS/2003A/4**
- Watson (Leicester), An imaging programme for the XMM-Newton serendipitous X-ray sky survey. **WFS/2003A/3**

SP CAT

- Casares (IAC), Simultaneous observations of Galactic gamma-ray sources with INTEGRAL. **I6/2003A**
- Casares (IAC), Radial velocity curve and mass function of LS5039 microquasar. **I7/2003A**
- Castro-Tirado (IAA), The nature of GRBs. **W5/2003A (override)**
- Deeg (IAC), Sample definition for exoplanet detection by the COROT spacecraft. **I13/2003A**
- Hammersley (IAC), A deep multi-wavelength survey of the Galactic plane. **I9/2003A**
- Martí (Jaén), Radial velocity curves of microquasars. **I8/2003A**
- Montes (Complutense, Madrid), Spectroscopic characterisation of K and M stars members of moving young groups. **I10/2003A**
- Negueruela (Alicante), Determination of the orbit of the X-ray eclipsing binary XTE J1855-026. **I5/2003A**
- Vazdekis (IAC), Towards a robust scale of metallicities in globular clusters. **I11/2003A**

Spanish Additional Time

- Balcells (IAC), Deep UV survey for COSMOS and OTELO. **I17/2003A**
- Casares (IAC) On the age and formation history of Galactic black hole binaries. **I14/2003A**
- Vilchez (IAA), A search for star forming galaxies in nearby clusters. **I15/2003A**

Jacobus Kapteyn Telescope

UK PATT

- Brinkworth (Southampton), Star spots on magnetic white dwarfs. **J/2003A/1**
- Bucciarelli (OAT, Italy), Photometric calibrators for the Palomar Sky Surveys. **J/2003A/3**

- Fitzsimmons (QUB), Rapid-response astrometry of potentially hazardous asteroids. **J/2003A/9 (override)**
- James (John Moores), Derivation of [NII] contamination corrections for H α studies of star formation. **J/2003A/13**
- Keenan (QUB), Four-colour photometry of stars from the Palomar-green survey. **J/2002B/2 (long term)**
- Knapen (Hertfordshire), HII region statistics in spiral disks. **J/2003A/15**
- Kuhn (JAC, Hawaii), Optical/UV continua of $z>3$ quasars. **J/2003A/14**
- Morales-Rueda (Southampton), Companions to subdwarf B binary stars. **J/2003A/11**
- Norton (OU), Override multiwavelength observations of SXTs: black hole accretion disk outbursts. **J/2002A/2 (override, long term)**
- Pollaco (QUB), The overheating of irradiated atmospheres —observational evidence. **J/2003A/4**
- Prada (ING), RR Lyrae distances to the Sagittarius stream. **J/2003A/12**
- Seigar (JAC, Hawaii), Quantifying the outer envelopes of cD galaxies. **J/2003A/10**
- Tanvir (Hertfordshire), The origin and physics of gamma-ray bursts. **J/2003A/5 (override)**

SP CAT

- Calabresi (ARA, Italy), VRI photometry of Centaur Chariklo (10199) and KBO 2002GZ32 and 2002GO9. **J1/2003A**
- Castro-Tirado (IAA), The nature of GRBs. **W5/2003A (override)**
- Kidger (IAC), Definition of an accurate 1-30 micron flux calibration system for the GTC and SIRTf. **J5/2003A**
- Martín (IfA, Hawaii), Photometry of stellar pairs of twins. **J2/2003A**
- Negueruela (Alicante), Galactic structure towards the Galactic anti-centre. **J3/2003A**
- Pohlen (IAC), Spectral energy distribution of quasars. **J4/2003A**
- Verdes-Montenegro (IAA), Characterizing the ISM in a sample of the most isolated galaxies: H α survey. **J6/2003A**

NL NFRA PC

- Douglas (Kapteyn), Photometry of P.N.S targets. **j03an002**
- Jonker (Amsterdam), Optical counterparts of LMXBs. **j03an003**
- Mack (ASTRON), JKT imaging of radio sources at extreme stages of their evolution. **j03an001**
- Mack (ASTRON), JKT-imaging of a new sample of radio galaxies. **j03an004**
- Wijers (Amsterdam), The origin and physics of gamma-ray bursts. **w03an005 (override)**
- van Woerden (Kapteyn), Updated epochs of maximum for RR Lyrae stars projected on HVCs to be used for determination of HVC distances. **j03an005**

Telescope Time Awards Semester 2003B

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William Herschel Telescope

UK PATT

- Bower (Durham), The Sauron deep survey: exploring the Lyman- α haloes of massive galaxies at $z=3$. **W/2003B/19**
- Burleigh (Leicester), NAOMI followup observations of very low mass companions to nearby white dwarfs. **W/2003B/63**
- Charles (Southampton), Determining system parameters of a soft X-ray transient in outburst. **W/2003B/39**
- Collins (John Moores), Environmental dependence of the fundamental plane of brightest cluster galaxies. **W/2003B/27**
- Crowther (UCL), Wolf-Rayet stars in the metal-rich environment of M31. **W/2003B/09**
- Dalton (Oxford), Star formation at $z\sim 1$. **W/2003B/61**
- Dhillon (Sheffield), ULTRACAM observations of the transiting extrasolar planet HD209458b. **W/2003B/31**
- Dufton (Belfast), Spectroscopy of $h + \chi$ Persei to support VLT/FLAMES survey. **W/2003B/03**
- Fitzsimmons (Belfast), The 13th/14th November stellar occultation by Titan. **W/2003B/45**

- Folha (Porto, Portugal), Excess emission in T Tauri stars: the missing link. **W/2003B/15**
- Folha (Portugal), Excess emission in T Tauri stars: the missing link. **W/2003B/16**
- Jarvis (Oxford), Weak lensing by cluster mass distributions traced by radio galaxies at $z=0.5$. **W/2003B/37**
- Marsh (Southampton), Stochastic variability of accretion discs. **W/2003B/55**
- Marsh (Southampton), Orbital periods of post common envelope binary stars from the SDSS. **W/2003B/56**
- Mathioudakis (Belfast), High frequency oscillations in active cool stars. **W/2003B/26**
- McCaughrean (AIP, Germany), Spectral typing IR/X-ray selected brown dwarf candidates in the Trapezium Cluster. **W/2003B/64**
- McLure (Edinburgh), Exploring the connection between bulge/black-hole mass and radio luminosity from $z=0$ to $z=2$. **W/2003B/49**
- Meikle (ICL), Detailed study of the physics of nearby Type Ia supernovae. **W/2003B/02 (override)**
- Merrett (Nottingham), A deep kinematic survey of planetary nebulae in M31. **W/2003B/32**
- Nelemans (Cambridge), Testing common envelope theory and SN Ia progenitor models with double white dwarfs. **W/2003B/29**
- Nelemans (Cambridge), Follow-up of new AM CVn candidates. **W/2003B/30**
- Østensen (ING), Resolving sdB binary systems with adaptive optics. **W/2003B/60**