

Telescope Time Awards Semester 2005B

Listed below are the telescope time awards for semester 2005B. For every programme the following information is provided: principal applicant (institution or university), title, and reference (in bold). Programmes are sorted in alphabetical order of principal applicant's name and grouped by telescope and type of allocation. Service programmes are not included. Observing schedules can be found at <http://www.ing.iac.es/ds/sched/>.

ITP Programmes on the ING Telescopes

- Peletier (Kapteyn), MAGPOP — The star formation history of dwarf galaxies, **ITP4**.

William Herschel Telescope

UK PATT

- Bosma (Observatoire de Marseille), Deep *K*-band surface photometry of low surface brightness galaxies, **W/2005B/28**.
- Chappelle (Liverpool), The role of gravity upon ultracool dwarf dust formation, **W/2005B/18**.
- Chrysostomou (Hertfordshire), Verifying the absence of jets from “misaligned” T-Tauris in the Taurus-Auriga molecular cloud, **W/2005B/59**.
- Fender (Southampton), Echo-mapping a Quiescent Black Hole, **W/2005B/75**.
- Hatch (IoA), Investigating the effects of the Perseus ICM on a supersonically infalling galaxy, **W/2005B/38**.
- Hodgkin (IoA), Spectroscopy of Transit Candidates in the Orion and M34 Clusters, **W/2005B/53**.
- Hough (Hertfordshire), PLANETPOL polarimetry of Upsilon Andromedae b, **W/2005B/48**.
- Huxor (Hertfordshire), Metallicity and Radial Velocity Determinations of Newly Discovered M31 Halo Globular Clusters, **W/2005B/52**.
- Jeffries (Keele), Binary statistics and the formation of low-mass stars and brown dwarfs, **W/2005B/50**.
- Leigh (Liverpool), Spectroscopic detection and characterisation of the planet orbiting Upsilon Andromeda, **W/2005B/10**.
- Levan (Leicester), Probing the high redshift universe with GRBs, **W/2005B/46**.
- Littlefair (Sheffield), J1702+3229 — a CV in the period gap with an evolved secondary, **W/2005B/66**.
- Lucas (Hertfordshire), Determination of the primordial incidence of binarity in Orion Brown Dwarfs, **W/2005B/55**.
- Marsh (Observatoire de Marseille), The nature of the white dwarfs in long period cataclysmic variables (CVs), **W/2005B/32**.
- Nandra (ICL), The AGN luminosity function at $z=3$, **W/2005B/26**.
- Napiwotzki (Leicester), Testing common envelope theory and SN Ia progenitor models with double white dwarfs, **W/2005B/47**.
- Naylor (Exeter), Does star formation take a long time? **W/2005B/67**.
- Nichol (Portsmouth), Spectroscopy of SNe Ia detected in the Sloan Digital Sky Survey II, **W/2005B/19**.
- Oudmaijer (Leeds), NAOMI/OASIS observations of evolved cool supergiants: mirror, mirror on the wall, **W/2005B/73**.

- Pollacco (QUB), Search for substellar companions to stars with extrasolar planets, **W/2005B/23**.
- Pozzo (ICL), Late-time study of the very nearby Type IIP Supernova 2004dj, **W/2005A/13**.
- Roques (Observatoire de Paris), Detection of small Kuiper Belt objects by stellar occultations, **W/2005B/12**.
- Tanvir (Hertfordshire), The physics of short bursts and relativistic blast waves, **W/2005B/25**.

NL PATT

- Aerts (Nijmegen), ULTRACAM asteroseismology: combining pressure and gravity modes to probe structure of BAL090100001, **w05bn003**.
- Besselaar (Nijmegen), Follow-up of DB+dM binary systems, **w05bn010**.
- Groot (Nijmegen), Optical-NIR Spectral eclipse mapping of Accretion disks, **w05bn014**.
- Jonker (SRON), Phase resolved photometry of the msec X-ray pulsar IGR J00291+5934 in quiescence, **w05bn005**.
- McDermid (Leiden), Mapping the nuclear regions of early-type galaxies with OASIS, **w05bn009**.
- Nelemans (Nijmegen), Testing common envelope theory and SN Ia progenitor models with double white dwarfs, **w05bn008**.
- Nelemans (Nijmegen), Determining the accretion geometry and distance to the 10 min binary ES Cet, **w05bn012**.
- Nelemans (Nijmegen), Fast photometry of the 10 min binary ES Cet with ULTRACAM, **w05bn013**.
- Perez (Kapteyn), Origin of the very sub-solar hot gas abundances in X-ray low luminosity ellipticals, **w05bn006**.
- Quirrenbach (Leiden), Line Bisector Variations for K Giants, **w05bn007**.
- Roelofs (Nijmegen), Constraining the nature of the enigmatic variable V407 Vul, **w05bn015**.
- Starling (Amsterdam), The physics of short bursts and relativistic blast waves, **w05bn002**.
- Wijers (Amsterdam), Probing the high redshift universe with GRBs, **w05bn001**.

SP CAT

- Barrado (LAEFF), Membership of substellar candidates of the Collinder 69 and Barnard 35, **WHT6/05B**.
- Beckman (IAC), Basic properties of nuclear bars in double bar galaxies, **WHT15/05B**.
- Casares (IAC), Possible orbital period derivative in the black hole binary V404, **WHT56/05B**.
- Casares (IAC), Determining system parameters of a Soft X-ray transient in outburst, **WHT60/05B**.
- Castro-Tirado (IAA), GRB physics in the INTEGRAL and SWIFT era, **WHT32-A/05B**.
- Elías de la Rosa (Observatorio di Padova), Detailed study of the physics of nearby Supernovae, **WHT44-E/05B**.
- Erwin (IAC), The nature of bars in late-type spiral galaxies, **WHT35/05B**.
- Erwin (IAC), How many galactic bulges are imposters? **WHT55/05B**.
- García (IAC), 3D-spectroscopy of the Orion nebula. Local properties of the ionised gas associated with proplyds, **WHT28/05B**.

- Gómez (IAC), Infrared characterisation of supernova progenitors, **WHT13/05B**.
- González (CSIC), Finding an evolutionary link between radio galaxies and very luminous infrared galaxies, **WHT3/05B**.
- Herrero (IAC), Luminous blue stars along the spiral arms of M33, **WHT26/05B**.
- Kehrig (IAA), The problem of metal pollution in low metallicity III-Galaxies, **WHT27/05B**.
- López (IAC), Studying the origin of nuclear bars, **WHT16/05B**.
- López (IAC), Star forming regions in starburst galaxies with tidal streams, **WHT21/05B**.
- Martínez (IAA), Does M31 have as many satellites as predicted by Cold Dark Matter theory? **WHT49/05B**.
- Negueruela (Alicante), A survey of blue stragglers in young open clusters, **WHT58/05B**.
- Rodríguez (IAC), Unravelling the role of the SW Sextantis stars in the evolution of cataclysmic variables, **WHT43-A/05B**.
- Rodríguez (IAC), The magnetic nature of the SW Sextantis stars, **WHT48/05B**.
- Vázquez (IAC), Asteroseismology of the open cluster NGC7039, **WHT23/05B**.

Spanish Additional Time

- Acosta (IAC), Catalogue of infrared polarimetric standards of low luminosity, **WHT47/05B**.
- Balcells (IAC), The GOYA survey. Photometric characterisation of high-*z* galaxies, **WHT14/05B**.
- Bergond (IAA), Globular cluster populations of well defined isolated galaxies, **WHT46/05B**.
- Hammersley (IAC), Visible spectroscopy of the GTC standards, **WHT50/05B**.
- Manchado (IAC), **LIRIS GT**.
- Martín (IAC), Preparation for GTC follow-up of brown dwarf candidates in young open clusters, **WHT4-A/05B**.

WHT-TNG Time Share

- Benn (ING), The nature of BAL outflows in quasars, **T60**.
- Leone (OA Catania), Detecting magnetic fields in planetary nebulae, and understanding their role in the nebular shaping, **T41**.
- Zaggia (OA Trieste), Hunting for cores of dwarf spheroidal galaxies in the external Milky Way Halo, **T69**.

Instrument Builders' Guaranteed Time

- Bacon (Lyon), **GT Type A**.
- Bacon (Lyon), **GT Type B**.

Isaac Newton Telescope

UK PATT

- Burleigh (Leicester), Faint planetary nebulae around hot white dwarfs, **I/2005B/9**.
- Drew (ICL), IPHAS — the INT/WFC photometric H α survey of the Northern Galactic Plane, **I/2005B/10**.
- Fender (Southampton), Jet-blown optical nebulae from black hole X-ray binaries, **I/2005B/4**.
- Irwin (IoA), Searching for planetary transits in the Orion Nebula Cluster, **I/2005B/17**.

- Irwin (IoA), A targeted CCD survey of the outer halo of M31, **I/2005B/18**.
- Jarvis (Oxford), A wide-field search for Ly α haloes: A pre-requisite for massive galaxy formation? **I/2005B/2**.
- Littlefair (Exeter), How long do young stars remain locked to their discs? **I/2005B/11**.
- Shanks (Durham), A UV survey to probe interactions between $z \sim 3$ galaxies and the IGM, **I/2005B/15**.
- Todd (QUB), The distance scale: eclipsing binaries and Cepheids in the dwarf irregular galaxy IC1613, **I/2005B/8**.

NL PATT

- Baes (ESO), Dust, dynamics and dark matter in elliptical galaxies — optical photometry, **i05bn004**.
- Groot (Nijmegen), IPHAS — the INT/WFC photometric H α survey of the Northern Galactic Plane, **i05bn001**.
- Roelofs (Nijmegen), The HeI survey of the Galactic Plane: the AM CVn population, **i05bn003**.
- Waters (Amsterdam), Search for faint Be stars in the COROT fields, **i05bn002**.

SP CAT

- Alonso (IAC), The search for hot Neptunes using the field star transit method, **INT3/05B**.
- Castro-Tirado (IAA), The physics of GRBs in the INTEGRAL and SWIFT era, **INT11/05B**.
- da Rocha (Göttingen), Intra-group light in Hickson compact groups, **INT5/05B**.
- Deeg (IAC), Sample definition for exoplanet detection by the COROT spacecraft, **INT9/05B**.
- López (IAC), Quantitative morphology of galaxies in nearby clusters, **INT6/05B**.
- Mampaso (IAC), IPHAS — the INT/WFC photometric H α survey of the Northern Galactic Plane, **INT3/05B**.
- Morales (LAEFF), Exploring the different initial mass functions in the λ Orionis SFR, **INT1/05B**.
- Rosenberg (IAC), The formation and evolution of the Milky Way (III): the Galactic disc, **INT4/05B**.

Spanish Additional Time Allocations

- Herrero (IAC), Detecting the blue massive star population to 5 Mpc for OSIRIS, **INT10/05B**.
- Ruiz (Barcelona), Supernovae at $z=0.05-0.35$: studying the nature of the dark energy (II), **INT15/05B**.
- Vilchez (IAA), Deep H α imaging of clusters of galaxies in the WINGS survey, **INT14/05B**.

Abbreviations:

CAT	Comité para la Asignación de Tiempo
GT	Guaranteed Time
ITP	International Time Programme
LT	Long Term
NL	The Netherlands
PATT	Panel for the Allocation of Telescope Time
SP	Spain
TAC	Time Allocation Committee
TNG	Telescopio Nazionale Galileo
UK	The United Kingdom