

Telescope Time Awards Semester 2005A

The principal investigator, institution or university, title of the programme, and programme reference for every telescope and allocation are listed below. Service programmes are not included. For observing schedules please visit this web page: <http://www.ing.iac.es/ds/sched/>.

ITP Programmes on the ING Telescopes

- Gänsicke (Warwick). Towards a global understanding of close binary evolution. **ITP7**.

William Herschel Telescope

UK PATT

- Ahmad (Armagh Observatory). Parameters of hot subdwarfs of the double-lined spectroscopic binary — PG 1544+488. **W/2005A/46**.
- Bailey (Anglo–Australian Observatory). A high precision polarization survey of bright stars. **W/2005A/10**.
- Blundell (Oxford). A complete spatial and dynamical study of the microquasar SS433. **W/2005A/52**.
- Bower (Durham). The Lyman- α haloes of SCUBA galaxies: exploring super-winds and feedback at $z=3$. **W/2005A/21**.
- Christian (Queen’s University, Belfast). ISIS characterisation of variable stars from the SuperWASP survey. **W/2005A/36**.
- Dobbie (Leicester). A rigorous examination of the evolutionary status of SDSS hot DB white dwarfs within the DO/DB gap. **W/2005A/5**.
- Gänsicke (Warwick). SW, Sextantis stars — totally normal? **W/2005A/31**.
- Hewett (IoA, Cambridge). Imaging of spectroscopically selected gravitational lenses from the SDSS. **W/2005A/19**.
- Hough (Hertfordshire). Circular spectropolarimetry of DIBs. **W/2005A/7**.
- Jarvis (Oxford). Spectroscopic redshifts for the first radio galaxy sample selected at 74 MHz. **W/2005A/8**.
- Keenan (Queen’s University, Belfast). The space density of B-type stars in the Galactic halo. **W/2005A/6**.
- Knigge (Southampton). Spectroscopic reconnaissance of candidate emission line stars discovered by IPHAS. **W/2005A/39**.
- Kosroshah (Birmingham). A membership study of the nearest fossil group. **W/2005A/17**.
- Kurosawa (Exeter). The clumpy nature of O supergiant stellar winds. **W/2005A/42**.
- Levan (Leicester). Probing the high redshift universe with GRBs. **W/2005A/53**.
- Lucas (Hertfordshire). PLANETPOL polarimetry of Tau Boo Ab. **W/2005A/20**.
- Magrini (Firenze, Italy). The chemical content of nearby galaxies: GR 8. **W/2005A/29**.
- Merrifield (School of Physics and Astronomy, Nottingham). Determining the dynamics of round elliptical galaxies using the Planetary Nebula Spectrograph. **W/2005A/37**.
- Pettini (IoA, Cambridge). The nature of DLA galaxies traced through spin temperatures: the optical survey. **W/2005A/3**.
- Pozzo (ICL). Late-time study of the very nearby Type IIP SN 2004dj. **W/2005A/13**.

- Tadhunter (Sheffield). Ultraluminous infrared galaxies: quasars and radio galaxies in the making? **W/2005A/1**.
- Tanvir (Hertfordshire). The physics of short bursts and relativistic blast waves. **W/2004B/51 LT**.
- Wilkinson (IoA, Cambridge). Dark matter at the edge of the Sextans dwarf spheroidal. **W/2005A/35**.

NL PATT

- Cappellari (Leiden Observatory). Dark matter in early-type galaxies: stellar line-of-sight velocity-distribution at 5Re using SAURON. **w05an005**.
- Douglas (Kapteyn Institute). Determining the dynamics of round elliptical galaxies using the Planetary Nebula Spectrograph (PN.S). **w05an014**.
- Franx (Leiden Observatory). Infrared spectroscopy of restframe optically red galaxies at high redshift. **w05an006**.
- Groot (Nijmegen). High-resolution eclipse mapping of accretion disks in cataclysmic variables. **w05an004**.
- Helmi (Kapteyn Institute). Building up the Milky Way halo via accretion of small satellites. **w05an017**.
- McDermid (Leiden Observatory). The central black hole in NGC 4486A: measuring the mass and environment with OASIS+NAOMI. **w05an023**.
- Roelofs (Nijmegen). Measuring directly the anticipated tidal deformation of the accretion disk of AM CVn. **w05an012**.
- Wijers (Astronomical Institute, Amsterdam). The physics of short bursts and relativistic blast waves. **w05an013**.
- Wijers (Astronomical Institute, Amsterdam). Probing the high redshift universe with GRBs. **w05an020**.

SP CAT

- Beckman (IAC). Basic properties of the nuclear bars in galaxies with double bar. **W39/2005A**.
- Cairós (IAC). Near infrared mapping of blue compact dwarf galaxies: disentangling the starburst and the old stars. **W33/2005A**.
- Casares (IAC). Determining system parameters of a Soft X-ray transient in outburst. **W1/2005A**.
- Eiroa (Autónoma de Madrid). IMF to the substellar limit in extremely young pre-main sequence clusters: Serpens. **W14/2005A**.
- González (IAA). Finding an evolutionary link between radio galaxies and very luminous infrared galaxies. **W8/2005A**.
- Gorgas (Complutense de Madrid). The star formation history of elliptical galaxies in different environments. **W52/2005A**.
- Licandro (IAC/ING). The Deep Impact experiment. **W19/2005A**.
- López (IAC). Studying the dynamics and origin of nuclear bars. **W38/2005A**.
- López-Martín (IAC). Identifying and characterising the counterparts to ULXs. **W30/2005A**.
- López-Sánchez (IAC). Star formation zones in starburst galaxies with tidal streams. **W51/2005A**.
- Mediavilla (IAC). Photometric and spectroscopic variability of gravitational lenses. **WL2/2005A**.

- Mollá (CIEMAT, Madrid). Stellar populations in cooling flow cluster galaxies. **W22/2005A**.
- Pérez (Autónoma de Madrid). Propagation of star formation in apparently compact blue galaxies. **W29/2005A**.
- Rodríguez (Vigo). Physical parameters and chemical abundances in hot type O subdwarfs. **W26/2005A**.
- Shahbaz (IAC). The origin of the optical variability in the black hole X-ray transient V404 Cyg. **W50/2005A**.
- Zapatero (LAEFF-INTA). Brown dwarfs around poor metallicity stars. **W21/2005A**.
- Zeilinger (Institute for Astronomy, Viena). Ram-pressure stripping in Virgo cluster galaxies and their extraplanar ionised gas. **W56/2005A**.

Spanish Additional Time

- Balcells (IAC). GOYA deep infrared survey. **W41/2005A**.
- Hammersley (IAC). Visible spectroscopy of the GTC standards. **W31/2005A**.
- Herrero (IAC). Detecting the population of blue massive stars to 5 Mpc for OSIRIS. **W40/2005A**.
- Martín (IAC). A search for brown dwarf candidates in three young open clusters for GTC follow-up. **W3/2005A**.

WHT-TNG Time Share

- Jeffers (Observatoire Midi-Pyrenees, France). Starspot tracking on the W Ursae Majoris system 44 Boo. **W/2005A/24** [on the TNG].
- Quirrenbach (Leiden Observatory). Line bisector variations for K giant stars with possible planetary companions. **w05an001** [on the TNG].
- Trevese (Roma). Investigating the nature of Low Luminosity Active Galactic Nuclei (LLAGN). **T15** [on the WHT].

Instrument Builders' Guaranteed Time

- Bacon (CRAL-Observatoire, Lyon). **GT Type A**.
- Bacon (CRAL-Observatoire, Lyon). **GT Type B**.
- Machado (IAC). **LIRIS GT**.

Isaac Newton Telescope

UK PATT

- Burleigh (Leicester). Faint planetary nebulae around hot white dwarfs. **I/2005A/8**.
- Coates (Mullard Space Science Laboratory). Wide-field imaging of Comet 9P/Tempel during the Deep Impact collision. **I/2005A/11**.
- Drew (ICL). IPHAS — the INT/WFC photometric H α survey of the northern galactic plane. **I/2005A/7**.
- James (Liverpool John Moores). Star formation history of dwarf galaxies in the Virgo cluster. **I/2005A/6**.
- Jarvis (Oxford). A wide-field search for Lyman- α haloes: A pre-requisite for massive galaxy formation? **I/2005A/2**.
- Mackey (IoA, Cambridge). A survey for dwarf galaxy remnants around outer halo globular clusters. **I/2005A/1**.
- Ramsay (Mullard Space Science Laboratory). RAPID Time Survey - Exploring a new temporal parameter space. **I/2005A/3**.

- Zeilinger (Institute for Astronomy, Viena). Ages and metallicities of dwarf ellipticals in clusters at $z=0.04$. **I/2005A/5**.

NL PATT

- Aragon (Kapteyn Institute). Measuring galaxy spin alignments along a void-intersection filament near AWM3. **i05an007**.
- Franx (Leiden Observatory). Practical astronomy for 2nd year students. **i05an005**.
- Groot (Nijmegen). IPHAS — the INT/WFC photometric H α survey of the northern galactic plane. **i05an001**.
- Kovac (Kapteyn Institute). The optical counterparts of the smallest gas-rich galaxies. **i05an006**.
- Röttgering (Sterrewacht Leiden). Ly α emission line halos and the properties of $z>2$ proto-clusters. **i05an002**.

SP CAT

- Beckman (IAC). The links between bars and star formation: An advanced survey. **I9/2005A**.
- Castro-Tirado (IAA-CSIC). Physical characterisation of Gamma-ray bursts (GRBs) in the SWIFT era. **W25/2005A [sic]**.
- Deeg (IAC). Sample definition for exoplanet detection by the COROT spacecraft. **I11/2005A**.
- Hatziminaoglou (IAC). Deep imaging in SWIRE ELAIS N1 and N2 fields. **I1/2005A**.
- Iglesias (Laboratoire d'Astrophysique de Marseille). The impact of starbursts in the halos of dwarf galaxies. **I6/2005A**.
- Leisy (IAC/ING). IPHAS — the INT/WFC photometric H α survey of the northern galactic plane. **I3/2005A**.
- López (IAC). The luminosity function of galaxies in Hercules supercluster. **I10/2005A**.
- Martínez (Valencia). Dwarf galaxy population around isolated galaxies and in small groups. **I4/2005A**.
- Martínez-Delgado (Max-Planck-Institut für Astronomie, Heidelberg). Two new ultra-faint Milky Way companions. **I13/2005A**.
- Zurita (Granada). Global morphology of star formation: Local calibration. **I7/2005A**.

Spanish Additional Time Allocations

- Rebolo (IAC/CSIC). Substellar populations in young clusters and stellar associations: I. Orion Belt and Praesepe. **I8/2005A**.
- Vilchez (IAA). Deep H α imaging of clusters of galaxies in the WINGS Survey. **I12/2005A**.

Abbreviations:

CAT	Comité para la Asignación de Tiempo
ITP	International Time Programme
LT	Long term
NFRA	Netherlands Foundation for Research in Astronomy
NL	The Netherlands
PATT	Panel for the Allocation of Telescope Time
PC	Programme Committee
SP	Spain
TAC	Time Allocation Committee
TNG	Telescopio Nazionale Galileo
UK	The United Kingdom