

TELESCOPE TIME

Applying for Time

Danny Lennon (Head of Astronomy, ING)

In newsletter issue No. 6 (October 2002) we reported on the construction of the new 'long camera' for WYFFOS, the multi-object spectrograph used in conjunction with AF2 and INTEGRAL. It is a pleasure to report that this camera was successfully commissioned, in fact at the time of writing the final commissioning run is underway. First indications are that the camera is performing to specification, full details will appear on the AF2 web pages in due course. We currently use the two-chip EEV array with the long camera, which while it has excellent blue response, suffers from significant fringing in the red. We are actively pursuing the purchase of CCDs with good overall efficiency and fringing characteristics. When the array is used with AF2 the dispersion direction is aligned with the array such that one loses one central fibre and care should be taken to park this fibre when field configurations are performed. The new camera permits the placement of 150 fibres on the CCD array, and typically gives 4-pixel sampling per resolution element, equivalent to resolving powers of approximately 5000 and 1500 with the 1200R and 600B gratings respectively (depending on wavelength). When the long camera is used with INTEGRAL it is rotated by 90 degrees leading to gaps in wavelength space which need to be taken into account when defining a central wavelength.

The long-slit intermediate resolution infrared spectrograph, LIRIS, is offered in both imaging and long-slit spectroscopy modes. LIRIS in multi-slit mode is available only in collaboration with the instrument builders due to the very long lead time required with the mask creation and insertion into the cryostat. Prospective applicants for LIRIS in this mode should contact Arturo Manchado (amt@11.iac.es) in the first instance. In the current year further commissioning will take place during which the multislit mask operations are further fine-tuned. In addition, several technical improvements have to be verified on sky (e.g. new sandwich holders for the long slits), and a thorough quantification of the image quality will be performed. Presently it is only possible to use the low resolution grism ($\mathfrak{R} \sim 1000$), the higher resolution spectroscopic mode ($\mathfrak{R} \sim 3000$) and the polarimetric modes of this instrument are delayed pending purchase of the relevant gratings and prisms. Since the performance of LIRIS in imaging mode is very similar to that of INGRID, we do not plan to offer the latter at the Cassegrain focal station while LIRIS is operational.

Override observations of targets of opportunity are an increasingly important aspect of telescope operations. At any given time we have a number of active override programmes and, due to the nature of the time-split at ING between four separate TACs, the rules and restrictions applying

Important

DEADLINES FOR SUBMITTING APPLICATIONS

UK PATT and NL NFRA PC:
15 March, 15 September
 SP CAT: **1 April, 1 October**
 ITP: <http://www.iac.es/gabinete/cci/>

SEMESTERS

A: **1 February – 31 July**
 B: **1 August – 31 January**

ONLINE INFORMATION ON APPLYING FOR TIME ON
 ING TELESCOPES

<http://www.ing.iac.es/Astronomy/>
<http://www.ast.cam.ac.uk/ING/Astronomy/>

to these programmes are rather complicated. Those interested in applying for such programmes should therefore familiarise themselves with the information on our web pages at <http://www.ing.iac.es/Astronomy/observing/overrides.html>. It may well be the case that a cross-TAC approach would make most efficient use of telescope time and maximise chances of a successful override campaign.

The WHT and INT are now part of the EU funded access programme managed under the auspices of Opticon. Applicants awarded time on these telescopes under the normal peer review processes, but who are not eligible for financial support from the telescopes' funding agencies, may apply to support under this access programme. The programme is funded to run from January 2004 until December 2008, and full details of the scheme can be found at <http://www.otri.iac.es/eno/>. ☐

Danny Lennon (djl@ing.iac.es)

Telescope Time Awards Semester 2004A

Service proposals not included. For observing schedules please visit this web page: <http://www.ing.iac.es/ds/sched/>. University or institution of principal investigator between parentheses.

William Herschel Telescope

UK PATT

- Charles (Southampton). Determining system parameters of a Soft X-ray transient in outburst. **W/2004A/36**
- Charles (Southampton). The Mass Donor in SS43. **W/2004A/56**
- Harries (Exeter). Spectropolarimetry of symbiotic binaries. **W/2004A/6**
- Haswell (OU). Accretion Disc Precession in AM CVn. **W/2004A/49**
- Hodgkin (IoA). Spectroscopic Identification of Very Low-Mass Stars and Brown Dwarfs in Young Open Clusters. **W/2004A/54**

- Jarvis (Oxford). Quantifying the space density of radio-loud quasars at $z > 5$. **W/2004A/19**
- Jeffery (Armagh). PG1544+488 and other helium-rich subdwarfs: binaries, mergers or bizarre. **W/2004A/45**
- Keenan (QUB). The space density of B-type stars in the Galactic halo. **W/2004A/3**
- Lucas (Hertfordshire). PLANETPOL polarimetry of Tau Boo Ab. **W/2004A/27**
- Marsh (Warwick). ULTRACAM observations of detached white dwarf/M dwarf binary stars. **W/2004A/35**
- Meikle (ICL). Direct detection and study of supernovae in nuclear starbursts. **W/2002B/56 LT**
- Meikle (ICL). Detailed study of the physics of nearby Type Ia Supernovae. **W/2003B/2 LT**

- Merrifield (Nottingham). Determining the dynamics of round elliptical galaxies using the Planetary Nebula Spectrograph. **W/2003A/38 LT**
- Miller (Oxford). A deep survey for cluster-lensed QSOs from SDSS and 2QZ. **W/2004A/58**
- O'Brien (Leicester). Optical identification of ultra-soft X-ray sources — searching for extreme accretion. **W/2004A/32**
- Østensen (ING). Resolving sdB binary systems with Adaptive Optics. **W/2004A/46**
- Rawlings (Oxford). FLAGS - understanding the starburst-AGN connection. **W/2004A/17**
- Roques (Observatoire de Paris). Search for small Kuiper Belt objects by stellar occultations. **W/2004A/38**
- Smail (Durham). A Lyman-break Survey in the SCUBA/BLAST Region. **W/2004A/8**
- Smith (Sussex). Mapping the surface of the secondary stars in cataclysmic binaries. **W/2004A/50**
- Snellen (IoA). The space-density of high redshift FRI radio galaxies (II). **W/2004A/23**
- Vink (ICL). Searching the environments of Herbig Be stars for clusters and discs. **W/2004A/39**
- Wilkinson (IoA). Dark matter in the Sextans dwarf spheroidal. **W/2004A/2**

NL NFRA PC

- Cole (Groningen). Calcium Triplet Spectroscopy of Galactic Open Clusters. **w04an005**
- Douglas (Groningen). Determining the Dynamics of Round Elliptical Galaxies using the Planetary Nebula Spectrograph (PN.S). **w04an012**
- Groot (Nijmegen). The missing link of cataclysmic variable evolution in the Sloan Digital Sky Survey? **w04an013**
- Groot (Nijmegen). High speed spectral eclipse mapping of accretion disks in cataclysmic variables. **w04an014**
- Groot (Nijmegen). High speed spectral eclipse mapping of accretion disks in cataclysmic variables. **w04an017**
- Nagar (Groningen). Sub-kiloparsec Kinematics in Seyferts and Non-Active Galaxies — a Comparative Study. **w04an006**
- Perryman (ESTEC). Testing the relation between magnetic field strength and QPO frequency in polars. **w04an003**
- Perryman (ESTEC). The optical counterparts of radio pulsars. **w04an004**
- Quirrenbach (Leiden). Line Bisector Variations for K Giant Stars with Possible Planetary Companions. **w04an015**
- Roelofs (Nijmegen). Measuring directly the anticipated tidal deformation of the accretion disk of AM CVn. **w04an010**
- Röttgering (Leiden). Multi-Object Spectroscopy of radio sources in the Bootes Deep Field. **w04an008**
- van der Klis (Amsterdam). Comparing a neutron star with two black hole transients in quiescence. **w04an002**
- Wijers (Amsterdam). The nature of Gamma-Ray Bursts and their use as cosmological probes. **w04an011**

SP CAT

- Alonso (IAC). Óptica adaptativa de candidatos a tránsitos de planetas extrasolares. **W29/2004**
- Beckman (IAC). La estructura vertical de las barras nucleares en galaxias con doble barra. **W11/2004A**
- Beckman (IAC). Evolución de la formación estelar en galaxias: método morfológico. **W37/2004A**
- Casares (IAC). Echo tomography of fluorescence lines in Sco X-1. **W35/2004A**
- Casares (IAC). Determining system parameters of a Soft X-ray transient in outburst. **W36/2004A**
- Castander (IEEC). Espectroscopía de parejas de cuasares en la línea de visión: estudio del efecto de proximidad. **W39/2004A**
- Castro-Tirado (IAA). La naturaleza de las explosiones cósmicas de rayos gamma (GRBs). **W33/2004A**
- Díaz (UAM). Espectrofotometría de las galaxias HII más brillantes del SDSS. **W23/2004A**
- Erwin (IAC). How Many Galactic Bulges Are Imposters? **W5/2004A**

- González (IAC). Searching for the Evidence of Supernova Event in the LMXB V404Cyg. **W21/2004A**
- Gutiérrez (IAC). Sistemas con corrimientos al rojo anómalos. **W19/2004A**
- Martín (IAC). Spectroscopic Identification of Very Low-Mass Stars and Brown Dwarfs in Young Open Clusters. **W3/2004A**
- Martínez (Valencia). Propiedades de los halos alrededor de galaxias elípticas de campo. **W30/2004A**
- Pascual (UCM). Physical properties and chemical abundances of the population of current star-forming galaxies at $z=0.24$. **W16/2004A**
- Pérez (IAA). Cúmulos estelares masivos en galaxias de disco cercanas. **W40/2004A**
- Pohlen (IAC). A Test of the Bar-Peanut Connection in a Bulge-Less Galaxy. **W7/2004A**
- Rebolo (IAC). Detección directa de exoplanetas gigantes y enanas marrones alrededor de estrellas jóvenes cercanas. **W17/2004A**
- Ruiz (Barcelona). Supernovas a $z=0.35-0.65$: estudio de la naturaleza de la energía oscura. **W1/2004A**
- Santander (IAC). El origen de las nebulosas extensas alrededor de estrellas simbióticas. **W20/2004A**
- Vazdekis (IAC). Ages and metallicities of S0 galaxies along the Colour-Magnitude Relation. **W25/2004A**

Spanish Additional Time

- Balcells (IAC). Cartografiado profundo en U para COSMOS y OTELO. **W9/2004A**
- Cepa (IAC). El Proyecto OTELO: Cartografiado profundo en B, V, R e I de los campos Groth y SIRTIF-FLS. **W27/2004A**

TNG-TAC

- Fasano (Padova). Star formation and morphological evolution of galaxies in nearby clusters with WYFFOS. **T064**

Isaac Newton Telescope

UK PATT

- Alton (CEA Saclay). The dust-to-gas ratio of the intergalactic gas in the M81 group. **I/2004A/1**
- Cotter (Oxford). A complete investigation of low-redshift radio galaxies and their cluster environments. **I/2004A/20**
- Davies (Cardiff). Satellites in Nearby Galaxy Halos (M101). **I/2004A/3**
- de Blok (Cardiff). Deep BVRI surface photometry of core-dominated low surface brightness galaxies. **I/2004A/12**
- Drew (ICL). IPHAS — the INT/WFC photometric H α survey of the northern galactic plane. **I/2004A/8**
- Feltz (Lund). A differential study of the metallicity distribution functions in three northern dwarf spheroidal galaxies. **I/2004A/9**
- Fitzsimmons (QUB). Rapid-response astrometry of potentially hazardous asteroids. **I/2004A/6**
- Helmi (Groningen). Star streams and High Velocity Clouds in the Milky Way halo. **I/2004A/23**
- Hewett (IoA). Faint Planetary Nebulae Around Hot White Dwarfs. **I/2004A/11**
- Jarvis (Oxford). A wide-field search for Ly α haloes: A pre-requisite for massive galaxy formation. **I/2004A/17**
- Jarvis (Oxford). Quantifying the space density of radio-loud quasars at $z>5$. **W/2004A/19** [sic]
- Snellen (IoA). The space-density of high redshift FRI radio galaxies. **I/2004A/5**

NL NFRA PC

- Aragon (Groningen). Measuring Galaxy Spin Alignments along a void-intersection filament near AWM3. **i04an007**
- Braun (NFRA). The STARFORM/H α survey: Probing the recent history of star formation in spirals. **i04an003**
- Habing (Leiden). Monitoring of Asymptotic Giant Branch stars in Local Group Galaxies. **i04an001**

- Oosterloo (NFRA). The mass distribution in extremely warped disk galaxies. **i04an006**
- Röttgering (Leiden). A survey for Ly α emission line halos and the properties of $z > 2$ proto-clusters. **i04an008**
- Wijers (Amsterdam). The nature of Gamma-Ray Bursts and their use as cosmological probes. **w04an011** [sic]

SP CAT

- Casares (IAC). Los parámetros orbitales de XTE J1859+226. **I10/2004A**
- Castro-Tirado (IAA). La naturaleza de las explosiones cósmicas de rayos gamma (GRBs). **W33/2004A** [sic]
- Deeg (IAC). Sample Definition for Exoplanet detection by the COROT Space Craft. **I13/2004A**
- Erwin (IAC). The Outer Disks of S0 Galaxies: Clues to Disk Evolution. **I3/2004A**
- Gómez-Flechoso (UEM). Constraining the shape of the Milky Way dark matter halo with the Sgr tidal stream. **I12/2004A**

- Gutiérrez (IAC). Searching for Sunyaev-Zeldovich Clusters. **I8/2004A**
- Hammersley (IAC). A Deep Multi-Wavelength Survey of the Galactic Plan. **I9/2004A**
- Leisy (IAC/ING). IPHAS — the INT/WFC photometric H α survey of the northern galactic plane. **I4/2004A**
- López (IAC). Morfología cuantitativa de las galaxias del supercúmulo de Hércules. **I1/2004A**
- López (IAC). Tracing the Intracluster Light in Virgo Cluster. **I2/2004A**
- Mampaso (IAC). Planetary nebulae and the intergalactic stellar population in the intragroup medium. **I6/2004A**
- Vázquez (IAC). Oscilaciones Estelares y Solares. **I5/2004A**

Spanish Additional Time

- Herrero (IAC). Detectando la población de estrellas masivas azules hasta 5 Mpc para OSIRIS. **I11/2004A**
- Vílchez (IAA). An H α search for star-forming galaxies in nearby clusters. **I14/2004A**

Telescope Time Awards Semester 2004B

Service proposals not included. For observing schedules please visit this web page: <http://www.ing.iac.es/ds/sched/>. University or institution of principal investigator between parentheses.

ITP Programmes on the ING Telescopes

- Gäensicke (Warwick). Towards a Global Understanding of Close Binary Evolution. **ITP7**

William Herschel Telescope

UK PATT

- Bunker (Exeter). Star formation at redshift ~ 1 . **W/2004B/56**
- de Blok (Cardiff). Deep K-band surface photometry of low surface brightness galaxies. **W/2004B/30**
- Dhillon (Sheffield). ULTRACAM observations of the transiting extrasolar planet HD209458b. **W/2004B/14**
- Dufton (QUB). Spectroscopy of h + χ Persei to support VLT/FLAMES survey of the Magellanic Clouds (payback). **W/2003B/3**
- Gäensicke (Warwick). HS2331+3905: A cataclysmic variable in its final days? **W/2004B/37**
- Hirtzig (Meudon). Titan's surface and atmosphere: in-depth diagnostic via spectro-imagery. **W/2004B/69**
- Jeffers (St Andrews). High-resolution Doppler Imaging of RS CVn SV Cam. **W/2004B/33**
- Jeffery (Armagh). Mode identification from multicolour photometry of the pulsating sdB star PG 0014+067. **W/2004B/44**
- Knigge (Southampton). Spectroscopic reconnaissance of candidate emission line stars discovered by IPHAS. **W/2004B/71**
- Kotak (ICL). Optical spectroscopic study of the physics of nearby Type Ia Supernovae. **W/2004B/16**
- Kotak (ICL). Optical spectroscopic study of the physics of nearby Type Ia Supernovae. **W/2004B/17**
- Leven (Leicester). GRBs as cosmological probes. **W/2004B/60**
- Littlefair (Exeter). The quiescent accretion disc in the dwarf nova IP Peg. **W/2004B/31**
- Lucas (Hertfordshire). PLANETPOL polarimetry of Upsilon Andromedae b. **W/2004B/6**
- Marsh (Warwick). Stochastic Variability of Accreting White Dwarfs. **W/2004B/21**
- Marsh (Warwick). Magnetism in “non-magnetic” cataclysmic variable stars. **W/2004B/66**
- Maxted (Keele). Eclipsing binaries in open clusters — spectroscopy. **W/2004B/40**
- McLure (IoA). Exploring the connection between bulge/black-hole mass and radio luminosity from $z=0$ to $z=2$. **W/2004B/34**

- Meikle (ICL). Late-time study of the nearby type IIP Supernova 2004am. **W/2004B/38**
- Meikle (ICL). Direct detection and study of supernovae in nuclear starbursts. **W/2002B/56 LT**
- Merrifield (Nottingham). Gravitational Redshift in M32 and the Properties of its Stellar Population. **W/2004B/39**
- Nelemans (IoA). Testing common envelope theory and SN Ia progenitor models with double white dwarfs. **W/2004B/47**
- Royer (Leuven). A complete survey of the Wolf-Rayet content of M33. **W/2004B/28**
- Smith (Hertfordshire). The High and Low Ionization Broad-Line Region in Quasars. **W/2004B/5**
- Tanvir (Hertfordshire). The physics of short bursts and relativistic blast waves. **W/2004B/51**
- Vink (ICL). A search for evidence of accretion in Herbig Be stars. **W/2004B/4**
- Wilkinson (IoA). Dark matter in the Sextans dwarf spheroidal. **W/2004B/70**

NL NFRA PC

- Aerts (Nijmegen). Asteroseismology of the pulsating sdB star PG 0014+067. **w04bn015**
- de Zeeuw (Leiden). Mapping the nuclear regions of SAURON early-type galaxies with OASIS. **w04bn006**
- Franx (Leiden). Infrared Spectroscopy of restframe Optically Red Galaxies at high redshift. **w04bn008**
- Groot (Nijmegen). Spectroscopic reconnaissance of emission line stars discovered by IPHAS. **w04bn013**
- Groot (Nijmegen). The UV-excess and White Dwarf binary population in the Faint Sky Variability Survey. **w04bn014**
- Groot (Nijmegen). The missing link of Cataclysmic Variable evolution in the Sloan Digital Sky Survey? **w04bn016**
- McDermid (Leiden). Black hole masses from gaseous and stellar kinematics using OASIS+NAOMI. **w04bn007**
- Nelemans (Nijmegen). Testing common envelope theory and SN Ia progenitor models with double white dwarfs. **w04bn004**
- Nelemans (Nijmegen). The masses of millisecond pulsars. I. Identification of suitable white dwarf companions. **w04bn005**
- Quirrenbach (Leiden). Line Bisector Variations for K Giant Stars with Possible Planetary Companions. **w04bn011**
- Trager (Groningen). The Stellar Populations of Gas-Selected Early-type Galaxies. **w04bn003**
- Wijers (Amsterdam). GRBs as cosmological probes. **w04bn009**
- Wijers (Amsterdam). The physics of short bursts and relativistic blast waves. **w04bn012**