

## NORDIC OPTICAL TELESCOPE SCHEDULE, Period 37: 2008 Apr 1 - Oct 1

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator | Institute/ Country | Programme  | Instrument   | Remarks              |
|-------------------|-----------------|-----------------|------------------------|--------------------|--|--------------|----------------------|
| Apr 01            | Apr 02          | 37-210          | J. Beckman             | Spain              | Calibration of the HII region luminosity function as an extr.. | ALFOSC       |                      |
| Apr 02            | Apr 06          | 37-009          | L.F. Grove             | Denmark            | Probing star formation in the environments of submm galaxies   | MOSCA        |                      |
| Apr 06            | Apr 10          | 37-057          | G. Ostlin              | Sweden             | The physical nature of starburst galaxies                      | ALFOSC       |                      |
| Apr 10            | Apr 12          | 37-054          | E. Leitert             | Sweden             | Properties of 9 HST Lyman leakage candidates                   | ALFOSC       |                      |
| Apr 12            | Apr 15          | 37-202          | A. Gil de Paz          | Spain              | Calibrating the [CII] 158 micron line as an SFR tracer         | ALFOSC       |                      |
| Apr 15            | Apr 16          | 37-299          | CAT                    | Spain              | CAT service time   | ALFOSC       |                      |
| Apr 16            | Apr 17          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM       |                      |
| Apr 17            | Apr 18          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM       |                      |
| Apr 18            | Apr 26          | 37-037          | S. Berdyugina          | Finland            | A probe of extrasolar planetary atmospheres                    | TurPol       |                      |
| Apr 26            | Apr 27          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| Apr 27            | Apr 29          | 37-019          | P. Hakala              | Finland            | Spectroscopic identification of Ultra-Compact Binary candida.. | ALFOSC       |                      |
| Apr 29            | Apr 30          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| Apr 30            | May 05          | 37-056          | H. Dahle               | Norway             | Characterization of the strongest lenses in the Universe       | MOSCA        |                      |
| May 05            | May 06          | 37-901          | Staff                  | NOT                | Technical time   | MOSCA        |                      |
| May 06            | May 11          | 37-054          | E. Leitert             | Sweden             | Properties of 9 HST Lyman leakage candidates                   | ALFOSC       |                      |
| May 11            | May 12          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC       |                      |
| May 12            | May 13          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| May 13            | May 14          | 37-302          | D. Pollacco            | CCI                | The Discovery and Characterisation of New Transiting Exoplan.. | FIES +ALFOSC |                      |
| May 14            | May 21          | 37-003          | P.E. Nissen            | Denmark            | The origin of halo stars with low alpha-element abundances     | FIES +ALFOSC |                      |
| May 21            | May 22          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM       |                      |
| May 22            | May 25          | 37-701          | Stockholm Univ.        | Sweden             | Course in observational astrophysics                           | NOTCAM       |                      |
| May 25            | May 27          | 37-701          | Stockholm Univ.        | Sweden             | Course in observational astrophysics                           | ALFOSC       |                      |
| May 27            | May 29          | 37-212          | R. Rebolo              | Spain              | Alta resolucion espacial con FastCam: Implicaciones en dinam.. | FastCam      |                      |
| May 29            | May 30          | 37-299          | CAT                    | Spain              | CAT service time   | FastCam      |                      |
| May 30            | May 31          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC       |                      |
| May 31            | Jun 01          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| Jun 01            | Jun 05          | 37-031          | P.-O. Quirion          | Denmark            | A search for g-mode pulsations in hot White Dwarfs             | ALFOSC       |                      |
| Jun 05            | Jun 06          | 37-301          | C. Benn                | CCI                | The Nature of Quasar Outflows (ITP-1)                          | ALFOSC       |                      |
| Jun 06            | Jun 07          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| Jun 07            | Jun 08          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES | (2h)                 |
| Jun 07            | Jun 08          | 37-034          | J. Andersen            | NOT                | Origin of C-, r-, and s-process enhancements in extreme halo.. | ALFOSC +FIES | Service (rest of n.. |
| Jun 08            | Jun 09          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC       |                      |
| Jun 09            | Jun 10          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM       |                      |

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|-------------------|-----------------|-----------------|------------------------|--------------------|--|---------------|----------------------|
| Jun 10            | Jun 12          | 37-209          | M.R. Zapatero          | Spain              | Distant planets with the temperature of Venus around nearby .. | NOTCAM        |                      |
| Jun 12            | Jun 17          | 37-006          | C. Reyle               | France             | Probing the reionization of the universe with z=6 quasars      | NOTCAM        |                      |
| Jun 17            | Jun 18          | 37-199          | Various                | Nordic             | Nordic service night   | NOTCAM        | Service              |
| Jun 18            | Jun 19          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES  | 01:00 - 05:00        |
| Jun 18            | Jun 19          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES  | (rest of night)      |
| Jun 19            | Jun 22          | 37-022          | S. Frandsen            | Denmark            | Science verification of FIES                                   | FIES +ALFOSC  |                      |
| Jun 22            | Jun 23          | 37-302          | D. Pollacco            | CCI                | The Discovery and Characterisation of New Transiting Exoplan.. | FIES +ALFOSC  |                      |
| Jun 23            | Jun 24          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC        |                      |
| Jun 24            | Jun 30          | 37-702          | OPTICON                | E.C.               | NEON summer school in observational astrophysics               | ALFOSC        |                      |
| Jun 30            | Jul 01          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES  |                      |
| Jul 01            | Jul 05          | 37-028          | G. Olofsson            | Sweden             | Direct imaging of planetary disks                              | PolCor2 +FIES |                      |
| Jul 05            | Jul 06          | 37-199          | Various                | Nordic             | Nordic service night   | PolCor2       | Service              |
| Jul 06            | Jul 07          | 37-199          | Various                | Nordic             | Nordic service night   | PolCor2       | Service              |
| Jul 07            | Jul 08          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM        |                      |
| Jul 08            | Jul 09          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC        | 00:20 - 04:20        |
| Jul 08            | Jul 09          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC        | (rest of night)      |
| Jul 09            | Jul 11          | 37-207          | P. Rodriguez           | Spain              | Estudio del restablecimiento temprano de la acrecion en nova.. | ALFOSC        |                      |
| Jul 11            | Jul 15          | 37-042          | J. Simmerer            | Sweden             | Chemical abundance analysis of purported halo stream stars     | FIES +ALFOSC  |                      |
| Jul 15            | Jul 16          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES  |                      |
| Jul 16            | Jul 17          | 37-199          | Various                | Nordic             | Nordic service night   | NOTCAM        | Service              |
| Jul 17            | Jul 18          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES  | 21:20 - 01:20        |
| Jul 17            | Jul 18          | 37-034          | J. Andersen            | NOT                | Origin of C-, r-, and s-process enhancements in extreme halo.. | ALFOSC +FIES  | Service (rest of n.. |
| Jul 18            | Jul 23          | 37-047          | G. Tautvaišienė        | Lithuania          | Ancient substructure in the Galactic disk: Chemical composit.. | FIES +ALFOSC  |                      |
| Jul 23            | Jul 24          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC        |                      |
| Jul 24            | Jul 26          | 37-212          | R. Rebolo              | Spain              | Alta resolucion espacial con FastCam: Implicaciones en dinam.. | FastCam       |                      |
| Jul 26            | Jul 28          | 37-203          | C. Rodriguez           | Spain              | Determinacion de la banda de inestabilidad de estrellas puls.. | ALFOSC        |                      |
| Jul 28            | Jul 29          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES  | 23:30 - 03:30        |
| Jul 28            | Jul 29          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES  | (rest of night)      |
| Jul 29            | Jul 31          | 37-203          | C. Rodriguez           | Spain              | Determinacion de la banda de inestabilidad de estrellas puls.. | ALFOSC        |                      |
| Jul 31            | Aug 02          | 37-204          | J. Casares             | Spain              | The orbital period and the black hole mass in XTE J1859+226    | ALFOSC        |                      |
| Aug 02            | Aug 10          | 37-037          | S. Berdyugina          | Finland            | A probe of extrasolar planetary atmospheres                    | TurPol        |                      |
| Aug 10            | Aug 12          | 37-021          | T. Arentoft            | Denmark            | Ground-based studies of Kepler asteroseismic targets           | FIES +ALFOSC  |                      |
| Aug 12            | Aug 13          | 37-302          | D. Pollacco            | CCI                | The Discovery and Characterisation of New Transiting Exoplan.. | FIES +ALFOSC  |                      |
| Aug 13            | Aug 14          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES  |                      |
| Aug 14            | Aug 16          | 37-703          | NORDFORSK              | Nordic             | Moletai course in observational astrophysics (remote obs.)     | ALFOSC +FIES  | (2 x first half)     |
| Aug 14            | Aug 16          | 37-802          | J.V. Clausen           | Denmark            | Course in observational astrophysics (ALFOSC GT)               | ALFOSC +FIES  | (2 x last half)      |
| Aug 16            | Aug 18          | 37-802          | J.V. Clausen           | Denmark            | Course in observational astrophysics (ALFOSC GT)               | ALFOSC +FIES  |                      |

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| Aug 18            | Aug 21          | 37-703          | NORDFORSK              | Nordic             | Moletai course in observational astrophysics (remote obs.)     | ALFOSC +FIES | (3 x first half)     |
| Aug 18            | Aug 19          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES | (rest of night)      |
| Aug 19            | Aug 21          | 37-704          | DARS                   | Denmark            | Course in observational astrophysics                           | ALFOSC +FIES | (2 x last half)      |
| Aug 21            | Aug 26          | 37-704          | DARS                   | Denmark            | Course in observational astrophysics                           | ALFOSC +FIES |                      |
| Aug 26            | Aug 27          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES | 20:20 - 23:40 sta..  |
| Aug 26            | Aug 27          | 37-034          | J. Andersen            | NOT                | Origin of C-, r-, and s-process enhancements in extreme halo.. | ALFOSC +FIES | Service (rest of n.. |
| Aug 27            | Aug 28          | 37-901          | Staff                  | NOT                | Technical time   | MOSCA +FIES  |                      |
| Aug 28            | Aug 29          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC       | Service              |
| Aug 29            | Sep 01          | 37-216          | I. Negueruela          | Spain              | Two new Be-rich obscured clusters in the Perseus arm           | ALFOSC       |                      |
| Sep 01            | Sep 04          | 37-801          | IAA                    | Spain              | ALFOSC Guaranteed time   | ALFOSC       |                      |
| Sep 04            | Sep 05          | 37-302          | D. Pollacco            | CCI                | The Discovery and Characterisation of New Transiting Exoplan.. | FIES +ALFOSC |                      |
| Sep 05            | Sep 06          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC +FIES | Service              |
| Sep 06            | Sep 07          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC       | 22:00 - 02:00        |
| Sep 06            | Sep 07          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC       | (rest of night)      |
| Sep 07            | Sep 08          | 37-901          | Staff                  | NOT                | Technical time   | SOFIN        |                      |
| Sep 08            | Sep 14          | 37-014          | I. Tuominen            | Finland            | Magnetic field polarity in active late-type stars              | SOFIN        | Service              |
| Sep 14            | Sep 15          | 37-901          | Staff                  | NOT                | Technical time   | NOTCAM +FIES |                      |
| Sep 15            | Sep 16          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC       | 20:50 - 22:50 egr..  |
| Sep 15            | Sep 16          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC       | (rest of night)      |
| Sep 16            | Sep 19          | 37-206          | D. Montes              | Spain              | Characterising the Solar neighbourhood: High resolution spec.. | FIES +ALFOSC |                      |
| Sep 19            | Sep 20          | 37-299          | CAT                    | Spain              | CAT service time   | ALFOSC       |                      |
| Sep 20            | Sep 21          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES |                      |
| Sep 21            | Sep 22          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC +FIES | Service              |
| Sep 22            | Sep 26          | 37-214          | R. Oreiro              | Spain              | Observational search for variable hot subdwarfs                | ALFOSC       |                      |
| Sep 26            | Sep 27          | 37-045          | C. Benn                | U.K.               | The detection of earth-mass planets in exoplanetary systems    | ALFOSC +FIES | 21:00 - 01:00        |
| Sep 26            | Sep 27          | 37-034          | J. Andersen            | NOT                | Origin of C-, r-, and s-process enhancements in extreme halo.. | ALFOSC +FIES | Service (rest of n.. |
| Sep 27            | Sep 29          | 37-019          | P. Hakala              | Finland            | Spectroscopic identification of Ultra-Compact Binary candida.. | ALFOSC       |                      |
| Sep 29            | Sep 30          | 37-901          | Staff                  | NOT                | Technical time   | ALFOSC +FIES |                      |
| Sep 30            | Oct 01          | 37-199          | Various                | Nordic             | Nordic service night   | ALFOSC +FIES | Service              |

ToO programs, in order of priority:

6x3 + 6x(2+nx1)hr 002 J. Fynbo Any GRB follow-up; total 8 nights  
10x(5x15min+15min) 023 A. Goobar ALF+NC SNe, UBVri+JK; total 3 nights  
2x(8x1+8x0.5)+6x1hr 024 V. Stanishev ALFOSC+ SNe Ia; total 4 nights (no override)

Monitoring program (service mode):

10x30 min 004 S. Frandsen FIES Eclipsing binaries as probes of stellar evolution; August onward  
7x10 min 038 L. Takalo ALFOSC Monitoring of OJ287; May/June