# NORDIC OPTICAL TELESCOPE SCHEDULE, Period 45: 2012 Apr 1 - Oct 1

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator | Institute/ Country | Programme | Instrument | Remarks |
|---|---|---|---|---|---|---|---|
| Apr 01 | Apr 02 | 45-901 | NOT | NOT | Tech time | NOTCAM | P45-021 |
| Apr 02 | Apr 07 | 45-011 | G. Oestlin | SE | Near IR imaging of LARS - the Ly-alpha reference sample | NOTCAM | |
| Apr 07 | Apr 08 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| Apr 08 | Apr 09 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Apr 09 | Apr 10 | 45-199 | Various | Nordic | Nordic service time | ALFOSC+FIES | Service |
| Apr 10 | Apr 11 | 45-012 | C. Karoff | DK | Revealing the roots of stellar cycles | FIES +ALFOSC | Service; half night |
| Apr 10 | Apr 11 | 45-199 | Various | Nordic | Nordic service time | FIES +ALFOSC | Service; half night |
| Apr 11 | Apr 15 | 45-004 | F. Taddia | SE | Are LBV stars the only progenitors of Type IIn supernovae? | ALFOSC | |
| Apr 15 | Apr 16 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service |
| Apr 16 | Apr 17 | 45-199 | Various | Nordic | Nordic service time | ALFOSC+FIES | Service; P45-008 1.. |
| Apr 17 | Apr 18 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Apr 18 | Apr 25 | 45-027 | H. Dahle | NO | SGAS II: Identifying the strongest gravitational lenses at 0.. | MOSCA | |
| Apr 25 | Apr 26 | 45-199 | Various | Nordic | Nordic service time | ALFOSC+FIES | Service |
| Apr 26 | Apr 27 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Apr 27 | Apr 30 | 45-202 | C.M. Gutierrez | Spain | The origin and evolution of compact groups (II) | ALFOSC | |
| Apr 30 | May 01 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| May 01 | May 02 | 45-901 | NOT | NOT | Tech time | NOTCAM | P45-021 |
| May 02 | May 06 | 45-210 | E. Toloba | Spain | Stellar content, MAss and Kinematics of Cluster Early-type D.. | NOTCAM | |
| May 06 | May 07 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| May 07 | May 12 | 45-701 | G. Olofsson | SE | Stockholm Observational Astrophysics II course | NOTCAM +FIES | Remote/service |
| May 12 | May 13 | 45-016 | H. Dahle | NO | A new population of massive galaxy clusters from Planck | ALFOSC | Service; P45-021 |
| May 13 | May 14 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| May 14 | May 15 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service |
| May 15 | May 16 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-008 2h |
| May 16 | May 17 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| May 17 | May 23 | 45-006 | A. Sandberg | SE | Trident: Combined Ly-alpha, H-alpha and ionising radiation a.. | MOSCA +FIES | 5 nights distribut.. |
| May 17 | May 23 | 45-033 | H. Korhonen | DK | Atmosphere of KIC 11560431: a detailed multi-wavelength look | MOSCA +FIES | Service; 2x40 min/.. |
| May 23 | May 26 | 45-032 | T. Pursimo | NOT | Testing the standard cosmology with Very Long Baseline Inter.. | ALFOSC | |
| May 26 | May 27 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service |
| May 27 | May 28 | 45-209 | J.G. Soto | Spain | X-ray binaries: The optical/IR and X-ray connection | ALFOSC | |
| May 28 | May 29 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| May 29 | May 30 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| May 30 | May 31 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service; half night |

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|---|---|---|---|---|---|---|---|
| May 30 | May 31 | 45-199 | Various | Nordic | Nordic service time | FIES +ALFOSC | Service; half night |
| May 31 | Jun 01 | 45-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service |
| Jun 01 | Jun 02 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jun 02 | Jun 03 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service |
| Jun 03 | Jun 07 | 45-107 | G. Kovacs | HU | Spectroscopic Follow-up of HATNet Transiting Exoplanet Candi.. | FIES +ALFOSC | |
| Jun 07 | Jun 08 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| Jun 08 | Jun 09 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jun 09 | Jun 10 | 45-901 | NOT | NOT | Tech time | NOTCAM | |
| Jun 10 | Jun 11 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| Jun 11 | Jun 12 | 45-199 | Various | Nordic | Nordic service time | NOTCAM +FIES | Service; P45-021 |
| Jun 12 | Jun 14 | 45-702 | NOT | NOT | NOT/Onsala summer school on cosmology & galaxies | NOTCAM +FIES | Remote/service; ha.. |
| Jun 12 | Jun 14 | 45-012 | C. Karoff | DK | Revealing the roots of stellar cycles | NOTCAM +FIES | Service, 0.5 night.. |
| Jun 12 | Jun 14 | 45-199 | Various | Nordic | Nordic service time | NOTCAM +FIES | Service; half nights |
| Jun 14 | Jun 17 | 45-702 | NOT | NOT | NOT/Onsala summer school on cosmology & galaxies | ALFOSC +FIES | Remote/service; ha.. |
| Jun 14 | Jun 17 | 45-012 | C. Karoff | DK | Revealing the roots of stellar cycles | ALFOSC +FIES | Service, 0.5 night.. |
| Jun 14 | Jun 17 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; half nights |
| Jun 17 | Jun 18 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jun 18 | Jun 21 | 45-208 | J.M. Corral | Spain | The precise mass and spin of the black hole in XTE J1859+226 | ALFOSC | |
| Jun 21 | Jun 22 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-008 3.. |
| Jun 22 | Jun 26 | 45-109 | D. Gandolfi | ESA | Spectroscopic follow-up observations of CoRoT exoplanetary c.. | FIES +ALFOSC | |
| Jun 26 | Jun 29 | 45-206 | H.J. Deeg | Spain | Spectroscopic follow-up observations of CoRoT exoplanetary c.. | FIES +ALFOSC | |
| Jun 29 | Jun 30 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| Jun 30 | Jul 01 | 45-901 | NOT | NOT | Tech time | NOTCAM | |
| Jul 01 | Jul 04 | 45-014 | J. Kotilainen | FI | The low mass end of the black hole - bulge mass relation in .. | NOTCAM | |
| Jul 04 | Jul 05 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| Jul 05 | Jul 06 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| Jul 06 | Jul 07 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jul 07 | Jul 08 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| Jul 08 | Jul 11 | 45-206 | H.J. Deeg | Spain | Spectroscopic follow-up observations of CoRoT exoplanetary c.. | FIES +ALFOSC | |
| Jul 11 | Jul 14 | 45-109 | D. Gandolfi | ESA | Spectroscopic follow-up observations of CoRoT exoplanetary c.. | FIES +ALFOSC | |
| Jul 14 | Jul 15 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| Jul 15 | Jul 16 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jul 16 | Jul 21 | 45-016 | H. Dahle | NO | A new population of massive galaxy clusters from Planck | ALFOSC | |
| Jul 21 | Jul 22 | 45-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service |
| Jul 22 | Jul 23 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-008 3.. |
| Jul 23 | Jul 24 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Jul 24 | Jul 28 | 45-101 | D. Pollacco | UK | Low mass stars, Brown dwarfs and large planets from SuperWASP | FIES +ALFOSC | |

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|---|---|---|---|---|---|---|---|
| Jul 28 | Jul 29 | 45-209 | J.G. Soto | Spain | X-ray binaries: The optical/IR and X-ray connection | ALFOSC | |
| Jul 29 | Jul 30 | 45-901 | NOT | NOT | Tech time | ALFOSC +FIES | |
| Jul 30 | Aug 04 | 45-703 | G. Tautvaisiene | LT | NordForsk summer school | FIES +ALFOSC | Remote/service; ha.. |
| Jul 30 | Jul 31 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service; half night |
| Jul 31 | Aug 04 | 45-199 | Various | Nordic | Nordic service time | FIES +ALFOSC | Service; half nights |
| Aug 04 | Aug 05 | 45-901 | NOT | NOT | Tech time | ALFOSC | P45-021 |
| Aug 05 | Aug 06 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| Aug 06 | Aug 09 | 45-204 | K. Uytterhoeven | Spain | Characterisation of Kepler pulsating stars | FIES +ALFOSC | |
| Aug 09 | Aug 10 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| Aug 10 | Aug 13 | 45-101 | D. Pollacco | UK | Low mass stars, Brown dwarfs and large planets from SuperWASP | FIES +ALFOSC | |
| Aug 13 | Aug 14 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Aug 14 | Aug 15 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-021 |
| Aug 15 | Aug 18 | 45-802 | NBI | DK | ALFOSC GT | ALFOSC +FIES | |
| Aug 18 | Aug 19 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Aug 19 | Aug 20 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-008 2h |
| Aug 20 | Aug 23 | 45-802 | NBI | DK | ALFOSC GT | ALFOSC | |
| Aug 23 | Aug 24 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service |
| Aug 24 | Aug 25 | 45-299 | CAT | ES | CAT service and scheduled time | ALFOSC +FIES | CAT service |
| Aug 25 | Aug 26 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service |
| Aug 26 | Aug 27 | 45-901 | NOT | NOT | Tech time | SOFIN +FIES | |
| Aug 27 | Sep 04 | 45-012 | C. Karoff | DK | Revealing the roots of stellar cycles | FIES +SOFIN | Service, 0.5 night.. |
| Aug 27 | Sep 04 | 45-029 | O. Kochukhov | SE | Dynamical evolution of chemical clouds in the HgMn star alph.. | FIES +SOFIN | 2x0.5 hr every nig.. |
| Aug 27 | Sep 04 | 45-017 | M. Mantere | FI | Magnetic field polarity in active late-type stars | FIES +SOFIN | 7 nights distribut.. |
| Sep 04 | Sep 05 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| Sep 05 | Sep 06 | 45-199 | Various | Nordic | Nordic service time | ALFOSC+FIES | Service |
| Sep 06 | Sep 07 | 45-901 | NOT | NOT | Tech time | NOTCAM | |
| Sep 07 | Sep 08 | 45-007 | E. Kankare | FI | Supernovae as probes of their host galaxies and circumstella.. | NOTCAM | Service |
| Sep 08 | Sep 09 | 45-209 | J.G. Soto | Spain | X-ray binaries: The optical/IR and X-ray connection | ALFOSC | |
| Sep 09 | Sep 11 | 45-004 | F. Taddia | SE | Are LBV stars the only progenitors of Type IIn supernovae? | ALFOSC | |
| Sep 11 | Sep 12 | 45-901 | NOT | NOT | Tech time | MOSCA | |
| Sep 12 | Sep 17 | 45-027 | H. Dahle | NO | SGAS II: Identifying the strongest gravitational lenses at 0.. | MOSCA | |
| Sep 17 | Sep 19 | 45-013 | J.-K. Krogager | DK | Search for DLA galaxies at z>2 | ALFOSC | |
| Sep 19 | Sep 20 | 45-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P45-008 2h |
| Sep 20 | Sep 21 | 45-001 | J. Andersen | NOT | The origin of Carbon and r-process enrichments in the early .. | FIES +ALFOSC | Service |
| Sep 21 | Sep 22 | 45-302 | R. Kotak | CCI | Death of the most massive stars & precision cosmology (ITP 2.. | ALFOSC | Service |
| Sep 22 | Sep 23 | 45-901 | NOT | NOT | Tech time | ALFOSC | |
| Sep 23 | Sep 29 | 45-203 | M.T. Costado | Spain | Cumulos estelares con estrellas masivas: Formacion y propied.. | NOTCAM | |

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator | Institute/ Country | Programme | Instrument | Remarks |
|---|---|---|---|---|---|---|---|
| Sep 29 | Oct 01 | 45-102 | R. Wilson | UK | Conjugate Plane Photometry | Special | |

# Monitoring and ToO Programs

| Proposal Number | Principal Investigator | Institute/ Country | Programme | Type | Instrument | Time Allocation | Nights | Comments |
|---|---|---|---|---|---|---|---|---|
| 45-002 | P. Jakobsson | IS | Building a Complete Sample of Swift Ga.. | ToO | Any | 9x(3h + 2h) + 3x(3+Nx2h) | 10.0 | Override; immediate response; follow.. |
| 45-005 | J. Sollerman | SE | Core-collapse supernova ToO | ToO | ALFOSC o.. | 6X1.5h + 8x(4X1h) | 5.0 | Soft ToO; same or next night (later .. |
| 45-008 | A. Goobar | SE | NOTCluless: NOT Cluster Lensed Superno.. | Mon | ALFOSC | 2 hr/month + ToO follow-up | 4.0 | Monitoring on service nights; schedu.. |
| 45-009 | R. Amanullah | SE | Perfecting Type Ia Supernovae as stand.. | ToO | ALFOSC | 25x1h+6x1h+15x1h | 6.0 | Soft ToO; same or next night (later .. |
| 45-021 | H. Korhonen | DK | New frontiers in resolving stellar sur.. | Mon | FIES | 15 x 12 min | 0.5 | List of epochs to be specified |
| 45-023 | L.O. Takalo | FI | Blazar host galaxies during optically .. | ToO | ALFOSC | 2x4h | 1.0 | Soft trigger. |
| 45-026 | K. Denney | DK | Can Reverberation Mapping Really Be Do.. | Mon | ALFOSC o.. | 30x(30 or 40 min) | 8.0 | Table of epochs in April-May to be p.. |
| 45-106 | S. Shore | IT | Early high-resolution optical spectros.. | ToO | FIES | Nx(4x30) min | 4.0 | First trigger within ~3 nights; late.. |
| 45-205 | A. Ederoclite | Spain | Spectro-photometric follow-up of class.. | ToO | ALFOSC | 1.5 + 2.0 h | 0.5 | No override |
| 45-207 | J. Gorosabel | Spain | Exploiting the flexible NOT instrument.. | ToO | Any | 4 h | 0.5 | Override. |
| 45-209 | J.G. Soto | Spain | X-ray binaries: The optical/IR and X-r.. | ToO | ALFOSC | 3 h | 0.3 | No override |