

NORDIC OPTICAL TELESCOPE SCHEDULE, Period 47: 2013 Apr 1 - Oct 1

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator | Institute/ Country | Programme | Instrument | Remarks |
|-------------------|-----------------|-----------------|------------------------|--------------------|--|--------------|----------------------|
| Apr 01 | Apr 03 | 47-209 | R. Carrera | ES | Chemical Abundances in Northern Open Clusters | FIES +ALFOSC | |
| Apr 03 | Apr 04 | 47-901 | NOT | NOT | Technical time | ALFOSC | |
| Apr 04 | Apr 05 | 47-901 | NOT | NOT | Technical time | MOSCA | |
| Apr 05 | Apr 06 | 47-021 | H. Dahle | NO | A new population of massive galaxy clusters from Planck | ALFOSC | Pre-imaging; service |
| Apr 06 | Apr 07 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; half night |
| Apr 06 | Apr 07 | 47-011 | R. Salinas | FI | The formation of ultra-compact dwarfs in low-density environ.. | ALFOSC +FIES | Service; half nigh.. |
| Apr 07 | Apr 08 | 47-208 | S. Hoyer | ES | GJ436b: A Neptune-sized planet with a mysterious atmosphere? | ALFOSC | Time-critical, wit.. |
| Apr 07 | Apr 08 | 47-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service; half .. |
| Apr 08 | Apr 13 | 47-020 | H. Dahle | NO | Characterizing the strongest gravitational lenses at 0.55 < .. | MOSCA | |
| Apr 13 | Apr 14 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service |
| Apr 14 | Apr 15 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P47-037 3.. |
| Apr 15 | Apr 16 | 47-208 | S. Hoyer | ES | GJ436b: A Neptune-sized planet with a mysterious atmosphere? | ALFOSC | Time-critical; hal.. |
| Apr 15 | Apr 16 | 47-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service; half .. |
| Apr 16 | Apr 17 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES +ALFOSC | Service; half night |
| Apr 16 | Apr 17 | 47-038 | C. Karoff | DK | Revealing the roots of stellar cycles | FIES +ALFOSC | Service; half night |
| Apr 17 | Apr 18 | 47-901 | NOT | NOT | Technical time | SOFIN | Technical night |
| Apr 18 | Apr 23 | 47-031 | H. Korhonen | DK | Magnetic properties of the exoplanet host stars | SOFIN | |
| Apr 23 | Apr 24 | 47-208 | S. Hoyer | ES | GJ436b: A Neptune-sized planet with a mysterious atmosphere? | ALFOSC | Time-critical; hal.. |
| Apr 23 | Apr 24 | 47-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service; half .. |
| Apr 24 | Apr 25 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical night; P.. |
| Apr 25 | Apr 26 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM +FIES | Service; half night |
| Apr 25 | Apr 26 | 47-199 | Various | Nordic | Nordic service time | NOTCAM +FIES | Service; half night |
| Apr 26 | Apr 30 | 47-803 | Hans Kjeldsen | DK | SAC GT | FIES +ALFOSC | SAC GT |
| Apr 30 | May 01 | 47-703 | Tiina Liimets | EE | University of Tartu course on General Astronomy: Observations | ALFOSC +FIES | Remote observing. .. |
| May 01 | May 05 | 47-203 | I. Marquez | ES | Star Formation in the most luminous local LINERs | ALFOSC | |
| May 05 | May 06 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P47-037 3.. |
| May 06 | May 12 | 47-007 | A. Penttila | FI | Differentiated asteroid families and dwarf planets -- a link.. | ALFOSC | |
| May 12 | May 13 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P47-037 3.. |
| May 13 | May 17 | 47-103 | G. Kovacs | HU | Spectroscopic Follow-up of HATNet Transiting Exoplanet Candi.. | FIES +ALFOSC | Half nights |
| May 13 | May 14 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES +ALFOSC | Service; half night |
| May 14 | May 15 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical; half ni.. |
| May 15 | May 16 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; half night |
| May 16 | May 17 | 47-199 | Various | Nordic | Nordic service time | FIES +ALFOSC | Service; half night |

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator | Institute/ Country | Programme | Instrument | Remarks |
|-------------------|-----------------|-----------------|------------------------|--------------------|--|---------------|----------------------|
| May 17 | May 18 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical night; P.. |
| May 18 | May 20 | 47-206 | P.A. Miles | ES | The Earth as a template for Exo-Earths | ALFOSC | Time-critical; wit.. |
| May 18 | May 20 | 47-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service; half .. |
| May 20 | May 25 | 47-701 | G. Olofsson | SE | Stockholm Observational Astrophysics course | ALFOSC | Stockhom observing.. |
| May 25 | May 26 | 47-901 | NOT | NOT | Technical time | NOTCAM +FIES | Technical night |
| May 26 | May 27 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM | Service; half night |
| May 26 | May 27 | 47-199 | Various | Nordic | Nordic service time | NOTCAM | Service; half night |
| May 27 | May 28 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P47-037 2.. |
| May 28 | May 30 | 47-104 | M. Ratajczak | PL | Searching for giants in detached eclipsing binaries from the.. | FIES +ALFOSC | |
| May 30 | May 31 | 47-208 | S. Hoyer | ES | GJ436b: A Neptune-sized planet with a mysterious atmosphere? | ALFOSC | Time-critical, wit.. |
| May 30 | May 31 | 47-299 | CAT | ES | CAT service and scheduled time | ALFOSC | CAT service; half .. |
| May 31 | Jun 01 | 47-104 | M. Ratajczak | PL | Searching for giants in detached eclipsing binaries from the.. | FIES +ALFOSC | |
| Jun 01 | Jun 02 | 47-199 | Various | Nordic | Nordic service time | ALFOSC+FIES | Service |
| Jun 02 | Jun 03 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical night; P.. |
| Jun 03 | Jun 08 | 47-008 | R. Salinas | FI | W UMa variables as progenitors of blue stragglers in globula.. | MOSCA | |
| Jun 08 | Jun 13 | 47-021 | H. Dahle | NO | A new population of massive galaxy clusters from Planck | ALFOSC | |
| Jun 13 | Jun 14 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | P47-037 35min |
| Jun 14 | Jun 15 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES +ALFOSC | Service; half night |
| Jun 14 | Jun 15 | 47-038 | C. Karoff | DK | Revealing the roots of stellar cycles | FIES +ALFOSC | Service; half night |
| Jun 15 | Jun 18 | 47-211 | H.J. Deeg | ES | Spectroscopic characterization and radial velocities of Coro.. | FIES +ALFOSC | |
| Jun 18 | Jun 21 | 47-207 | M.C. Galvez | ES | The path to Earth analogues and Super-Earth atmosphere science | FIES +ALFOSC | |
| Jun 21 | Jun 22 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Service; P47-037 2.. |
| Jun 22 | Jun 23 | 47-901 | NOT | NOT | Technical time | NOTCAM | Technical night |
| Jun 23 | Jun 24 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM + FIES | Service; half night |
| Jun 23 | Jun 24 | 47-199 | Various | Nordic | Nordic service time | NOTCAM + FIES | Service; half night |
| Jun 24 | Jun 26 | 47-212 | S. Simon | ES | Present-day chemical composition of the Galactic ISM | FIES +ALFOSC | |
| Jun 26 | Jun 30 | 47-105 | D. Gandolfi | ESA | Spectroscopic follow-up observations of exoplanetary candida.. | FIES +ALFOSC | |
| Jun 30 | Jul 03 | 47-803 | Hans Kjeldsen | DK | SAC GT | FIES +ALFOSC | SAC GT |
| Jul 03 | Jul 04 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Half night;Service.. |
| Jul 03 | Jul 08 | 47-106 | P. Rousselot? | FR | Accurate lightcurve for 174P/Echeclus | ALFOSC +FIES | |
| Jul 07 | Jul 08 | 47-199 | Various | Nordic | Nordic service time | ALFOSC +FIES | Half night |
| Jul 08 | Jul 11 | 47-801 | IAA | ES | ALFOSC GT | ALFOSC | IAA ALFOSC GT |
| Jul 11 | Jul 14 | 47-105 | D. Gandolfi | ESA | Spectroscopic follow-up observations of exoplanetary candida.. | FIES +ALFOSC | |
| Jul 14 | Jul 15 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES +ALFOSC | Service; half night |
| Jul 14 | Jul 15 | 47-199 | Various | Nordic | Nordic service time | FIES +ALFOSC | Service; half nigh.. |
| Jul 15 | Jul 16 | 47-901 | NOT | NOT | Technical time | NOTCAM +FIES | Technical night |
| Jul 16 | Jul 21 | 47-702 | OPTICON | OPT | NEON observing course at NOT + ING. | ALFOSC | NEON school |

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|-------------------|-----------------|-----------------|------------------------|-------------------|--|---------------|----------------------|
| Jul 21 | Jul 22 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical night; P.. |
| Jul 22 | Jul 23 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM | Service; half night |
| Jul 22 | Jul 23 | 47-199 | Various | Nordic | Nordic service time | NOTCAM | Service; half night |
| Jul 23 | Jul 26 | 47-211 | H.J. Deeg | ES | Spectroscopic characterization and radial velocities of Coro.. | FIES +ALFOSC | |
| Jul 26 | Aug 02 | 47-016 | L. A. Buchhave | DK | Stellar Parameters of Transiting Exoplanet Candidates | FIES +ALFOSC | |
| Aug 02 | Aug 03 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night; P.. |
| Aug 03 | Aug 08 | 47-009 | H. Bruntt | DK | Accurate Spectroscopic follow-up of Kepler Asteroseismic Targ.. | FIES + ALFOSC | |
| Aug 08 | Aug 09 | 47-803 | Hans Kjeldsen | DK | SAC GT | FIES + ALFOSC | SAC GT |
| Aug 09 | Aug 12 | 47-802 | NBI | DK | ALFOSC GT | ALFOSC | NBI ALFOSC GT |
| Aug 12 | Aug 13 | 47-803 | Hans Kjeldsen | DK | SAC GT | FIES +ALFOSC | SAC GT |
| Aug 13 | Aug 14 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES + ALFOSC | Service; half night |
| Aug 13 | Aug 14 | 47-199 | Various | Nordic | Nordic service time | FIES + ALFOSC | Service; half nigh.. |
| Aug 14 | Aug 15 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night |
| Aug 15 | Aug 16 | 47-901 | NOT | NOT | Technical time | SOFIN + FIES | Technical night |
| Aug 16 | Aug 17 | 47-901 | NOT | NOT | Technical time | SOFIN + FIES | Technical night; P.. |
| Aug 17 | Aug 18 | 47-019 | O. Kochukhov | SE | Dynamical evolution of chemical clouds in the HgMn star alph.. | FIES + SOFIN | Service |
| Aug 18 | Aug 23 | 47-030 | M. Mantere | FI | Magnetic field polarity in active late-type stars | FIES + SOFIN | |
| Aug 23 | Aug 27 | 47-103 | G. Kovacs | HU | Spectroscopic Follow-up of HATNet Transiting Exoplanet Candi.. | FIES + ALFOSC | Half nights |
| Aug 23 | Aug 24 | 47-199 | Various | Nordic | Nordic service time | FIES + ALFOSC | Service; half nigh.. |
| Aug 24 | Aug 25 | 47-199 | Various | Nordic | Nordic service time | FIES + ALFOSC | Service; half nights |
| Aug 25 | Aug 26 | 47-199 | Various | Nordic | Nordic service time | FIES + ALFOSC | Service; half nights |
| Aug 26 | Aug 27 | 47-199 | Various | Nordic | Nordic service time | FIES + ALFOSC | Service; half nights |
| Aug 27 | Aug 28 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night |
| Aug 28 | Aug 29 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night; P.. |
| Aug 29 | Aug 30 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM + FIES | Service; half night |
| Aug 29 | Aug 30 | 47-199 | Various | Nordic | Nordic service time | NOTCAM + FIES | Service; half night |
| Aug 30 | Sep 01 | 47-020 | H. Dahle | NO | Characterizing the strongest gravitational lenses at $0.55 < ..$ | ALFOSC | |
| Sep 01 | Sep 06 | 47-020 | H. Dahle | NO | Characterizing the strongest gravitational lenses at $0.55 < ..$ | MOSCA | |
| Sep 06 | Sep 07 | 47-108 | T. Evans | UK | Measuring the atmosphere of the transiting exoplanet HAT-P-32b | ALFOSC | Time-critical |
| Sep 07 | Sep 08 | 47-901 | NOT | NOT | Technical time | ALFOSC +FIES | Technical night; P.. |
| Sep 08 | Sep 09 | 47-108 | T. Evans | UK | Measuring the atmosphere of the transiting exoplanet HAT-P-32b | ALFOSC | Time-critical |
| Sep 09 | Sep 10 | 47-003 | J. Andersen | DK | The origin of carbon-enriched stars in the early Galaxy | FIES + ALFOSC | Service; half night |
| Sep 09 | Sep 10 | 47-038 | C. Karoff | DK | Revealing the roots of stellar cycles | FIES + ALFOSC | Service; half night |
| Sep 10 | Sep 11 | 47-199 | Various | Nordic | Nordic service time | ALFOSC + FIES | Service |
| Sep 11 | Sep 13 | 47-803 | Hans Kjeldsen | DK | SAC GT | FIES + ALFOSC | SAC GT |
| Sep 13 | Sep 14 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night; P.. |
| Sep 14 | Sep 17 | 47-201 | M.T. Costado | ES | Stellar clusters containing massive stars: mechanisms of hig.. | NOTCAM | |

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| Sep 17 | Sep 21 | 47-024 | M. Juvela | FI | Pre-stellar cores and grain growth: NIR extinction and scatt.. | NOTCAM | |
| Sep 21 | Sep 22 | 47-032 | V.-M. Pelkonen | FI | Characterisation of new stellar clusters found by Herschel a.. | NOTCAM | Service; half night |
| Sep 21 | Sep 22 | 47-022 | S. Mattila | FI | Supernovae in dusty environments | NOTCAM | Service; half night |
| Sep 22 | Sep 23 | 47-199 | Various | Nordic | Nordic service time | ALFOSC + FIES | Service; P47-037 2.. |
| Sep 23 | Sep 26 | 47-209 | R. Carrera | ES | Chemical Abundances in Northern Open Clusters | FIES + ALFOSC | |
| Sep 26 | Sep 29 | 47-801 | IAA | ES | ALFOSC GT | ALFOSC | IAA ALFOSC GT |
| Sep 29 | Sep 30 | 47-203 | I. Marquez | ES | Star Formation in the most luminous local LINERs | ALFOSC | |
| Sep 30 | Oct 01 | 47-901 | NOT | NOT | Technical time | ALFOSC + FIES | Technical night; P.. |

Monitoring and ToO Programs

| Proposal Number | Principal Investigator | Institute/ Country | Programme | Type | Instrument | Time Allocation | Nights | Comments |
|-----------------|------------------------|--------------------|--|------|------------|--------------------------------|--------|---|
| 47-004 | J. Sollerman | SE | Core-collapse supernova ToO} | ToO | ALFOSC o.. | 6X1.5h + 8x(4X1h) | 5.5 | Soft ToO; same or next night (later .. |
| 47-012 | L.O. Takalo | FI | Blazar host galaxies during optically .. | ToO | ALFOSC | 2x4h | 1.0 | Soft trigger. |
| 47-013 | P. Jakobsson | IS | Building a Complete Sample of emph{Swi.. | ToO | Any | 9x(3h + 2h) + 3x(3+Nx2h) | 10.0 | Override; immediate response; follow.. |
| 47-014 | A. Goobar | SE | NOTCluless: NOT Cluster Lensed Superno.. | ToO | ALFOSC | 8x2h (phot) + 2x2h (spec) | 2.0 | Same or next night. |
| 47-015 | R. Amanullah | SE | Perfecting Type Ia Supernovae as stand.. | ToO | ALFOSC | 3x1h + 9x1h + 14x90min + 10x1h | 6.0 | Soft ToO; same or next night (later .. |
| 47-036 | J. Jessen-Hansen | DK | Testing stellar models and asteroseism.. | Mon | FIES | 2x15x70min + 5x15min + 2x2h | 40h | Spread over the semester; managed by.. |
| 47-037 | H. Dahle | NO | Time delay measurements in the unique .. | Mon | ALFOSC | 12x900s + 14x1800s | 1.5 | Roughly weekly monitoring; to be mana.. |
| 47-101 | S. Shore | IT | High resolution spectroscopy of the ea.. | ToO | FIES | 4x(1000+500sec+OVH) | 0.2 | First obs. within 1-2 nights, later .. |