

## NORDIC OPTICAL TELESCOPE SCHEDULE, Period 59: 2019 Apr 1 - Oct 1

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator           | Institute/ Country | Programme  | Instrument   | Remarks              |
|-------------------|-----------------|-----------------|----------------------------------|--------------------|--|--------------|----------------------|
| Apr 01            | Apr 02          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 01            | Apr 02          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Apr 02            | Apr 03          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Apr 03            | Apr 07          | 59-027          | Goran Ostlin                     | SE                 | Deep photometry and morphology of eLARS galaxies               | MOSCA        |                      |
| Apr 07            | Apr 08          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 07            | Apr 08          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES | Time critical UT 0.. |
| Apr 08            | Apr 09          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Apr 09            | Apr 10          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES | Remainder of night.. |
| Apr 09            | Apr 10          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES | Half night - distr.. |
| Apr 10            | Apr 12          | 59-025          | Clare Wethers                    | FI                 | Testing the Evolutionary Picture of LoBALs                     | NOTCAM       | Service              |
| Apr 12            | Apr 15          | 59-210          | Grzegorz Nowak                   | ES                 | Follow-up of TESS small planet candidates: Precise masses as.. | FIES +ALFOSC |                      |
| Apr 15            | Apr 16          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 15            | Apr 16          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Apr 16            | Apr 17          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 16            | Apr 17          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| Apr 17            | Apr 18          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| Apr 17            | Apr 18          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 18            | Apr 19          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC       |                      |
| Apr 19            | Apr 20          | 59-301          | Thomas Reynolds                  | ESNOR              | Tidal disruption events in luminous infrared galaxies          | NOTCAM       |                      |
| Apr 20            | Apr 21          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC       |                      |
| Apr 21            | Apr 22          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES | Time critical UT 0.. |
| Apr 21            | Apr 22          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 22            | Apr 23          | 59-305          | Stefan Geier                     | ESNOR              | V-type asteroids outside the dynamical Vesta family            | ALFOSC       |                      |
| Apr 23            | Apr 24          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Service              |
| Apr 24            | Apr 25          | 59-299          | CAT                              | ES                 | CAT service time   | ALFOSC +FIES | First half of night  |
| Apr 24            | Apr 28          | 59-203          | Luca Izzo                        | ES                 | Searching for a millisecond pulsar in unidentified Fermi-LAT.. | ALFOSC +FIES | Second half of nig.. |
| Apr 25            | Apr 28          | 59-016          | Elena Mazzotta Epifani           | IT                 | Exploring the nature of high-inclination TNOs                  | ALFOSC       | First half of nigh.. |
| Apr 28            | Apr 29          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Apr 28            | Apr 29          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Apr 29            | Apr 30          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC       |                      |
| Apr 30            | May 01          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES | Half night - distr.. |
| Apr 30            | May 01          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES | Remainder of night.. |
| May 01            | May 02          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |

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|-------------------|-----------------|-----------------|----------------------------------|--------------------|--|--------------|----------------------|
| May 02            | May 06          | 59-701          | Matthew Hayes                    | SE                 | Observational Techniques in Astrophysics II at Stockholm Uni.. | ALFOSC       | Stockholm Observin.. |
| May 06            | May 07          | 59-302          | Josefa Becerra Gonzalez          | ESNOR              | Characterization of the most powerful blazars for the CTA era  | ALFOSC       |                      |
| May 07            | May 08          | 59-037          | Hakon Dahle                      | NO                 | Spectroscopic follow-up of bright lensed galaxies at ``cosmi.. | MOSCA        |                      |
| May 08            | May 10          | 59-037          | Hakon Dahle                      | NO                 | Spectroscopic follow-up of bright lensed galaxies at ``cosmi.. | ALFOSC       | Combined run with .. |
| May 10            | May 11          | 59-299          | CAT                              | ES                 | CAT service time   | ALFOSC +FIES | First half of night  |
| May 10            | May 11          | 59-202          | Marie Karjalainen                | ES                 | A planet search among Kepler asteroseismic giant stars         | ALFOSC +FIES | Second half of night |
| May 11            | May 12          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| May 11            | May 12          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| May 12            | May 13          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| May 12            | May 13          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| May 13            | May 14          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| May 14            | May 15          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| May 14            | May 15          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| May 15            | May 16          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Service              |
| May 16            | May 17          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| May 17            | May 21          | 59-015          | Roberto Decarli                  | IT                 | Identification of new $z>6.5$ quasars in the Northern sky      | NOTCAM       |                      |
| May 21            | May 22          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES | Remainder of night.. |
| May 21            | May 22          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES | Half night - distr.. |
| May 22            | May 25          | 59-005          | Jari Kotilainen                  | FI                 | ISM properties of the most luminous quasars at $3<z<4$         | NOTCAM       |                      |
| May 25            | May 26          | 59-301          | Thomas Reynolds                  | ESNOR              | Tidal disruption events in luminous infrared galaxies          | NOTCAM       |                      |
| May 26            | May 27          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| May 27            | May 28          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Service              |
| May 28            | May 31          | 59-016          | Elena Mazzotta Epifani           | IT                 | Exploring the nature of high-inclination TNOs                  | ALFOSC +FIES | Second half of nig.. |
| May 28            | May 31          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | First half of nigh.. |
| May 31            | Jun 03          | 59-801          | IAA                              | ES                 | IAA ALFOSC Guaranteed Time                                     | ALFOSC       |                      |
| Jun 03            | Jun 04          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Jun 03            | Jun 04          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Jun 04            | Jun 05          | 59-299          | CAT                              | ES                 | CAT service time   | ALFOSC +FIES |                      |
| Jun 05            | Jun 06          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Jun 06            | Jun 07          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Jun 06            | Jun 07          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| Jun 07            | Jun 08          | 59-505          | Carolina von Essen, Sven Wedem.. | DK,NO              | Probing oxides and clear skies in the atmospheres of ultra H.. | ALFOSC +FIES | Time critical UT T.. |
| Jun 07            | Jun 08          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Jun 08            | Jun 09          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Jun 09            | Jun 10          | 59-305          | Stefan Geier                     | ESNOR              | V-type asteroids outside the dynamical Vesta family            | ALFOSC       |                      |
| Jun 10            | Jun 11          | 59-299          | CAT                              | ES                 | CAT service time   | ALFOSC       |                      |
| Jun 11            | Jun 12          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC       | Time critical UT 0.. |

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|-------------------|-----------------|-----------------|----------------------------------|--------------------|--|-----------------|----------------------|
| Jun 11            | Jun 12          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC          | Remainder of night.. |
| Jun 12            | Jun 13          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC          |                      |
| Jun 13            | Jun 14          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES    | Remainder of night.. |
| Jun 13            | Jun 14          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES    | Half night - distr.. |
| Jun 14            | Jun 17          | 59-034          | Jari Kotilainen                  | FI                 | Host galaxies of extragalactic gamma-ray sources               | NOTCAM          |                      |
| Jun 17            | Jun 20          | 59-304          | Simon Albrecht                   | ESNOR              | Giant Planets, their Evolution and Atmospheres                 | ALFOSC +FIES    | End of each night... |
| Jun 17            | Jun 18          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES    | Remainder of night   |
| Jun 18            | Jun 19          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES    | Time critical UT 2.. |
| Jun 19            | Jun 20          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jun 19            | Jun 20          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES    | Half night - distr.. |
| Jun 20            | Jun 21          | 59-901          | NOT                              | NOT                | Technical time   | SOFIN +FIES     |                      |
| Jun 21            | Jul 01          | 57-504          | Thomas Hackman, Jyri Lehtinen,.. | FI,FI,SE           | Topology and evolution of surface magnetic fields in active .. | StanCam +SOFI.. | 6 nights spread ov.. |
| Jun 21            | Jul 01          | 59-199          | Various                          | NOT                | Nordic service time  | StanCam +SOFI.. | 4 nights spread ov.. |
| Jul 01            | Jul 02          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC          | Remainder of night   |
| Jul 01            | Jul 02          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC          | Time critical UT 2.. |
| Jul 02            | Jul 03          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jul 02            | Jul 03          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES    | Half night - distr.. |
| Jul 03            | Jul 04          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM          | Half night - distr.. |
| Jul 03            | Jul 04          | 59-901          | NOT                              | NOT                | Technical time   | NOTCAM          | Remainder of night   |
| Jul 04            | Jul 05          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC          | Remainder of night   |
| Jul 04            | Jul 05          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC          | Time critical UT 2.. |
| Jul 05            | Jul 10          | 59-201          | Jesus Maiz Apellaniz             | ES                 | The ISM within several kpc at high spectral resolution with .. | FIES +ALFOSC    |                      |
| Jul 10            | Jul 11          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES    | Time critical UT 2.. |
| Jul 10            | Jul 11          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jul 11            | Jul 12          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jul 11            | Jul 12          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES    | Time critical UT 2.. |
| Jul 12            | Jul 13          | 59-202          | Marie Karjalainen                | ES                 | A planet search among Kepler asteroseismic giant stars         | FIES +ALFOSC    | Remainder of night.. |
| Jul 13            | Jul 15          | 56-205          | Emilio Trigueros Paez            | ES                 | Completing the most extensive survey of O-type spectroscopic.. | FIES +ALFOSC    | Remainder of night.. |
| Jul 15            | Jul 16          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jul 16            | Jul 17          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES    |                      |
| Jul 17            | Jul 18          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES    | Half night - distr.. |
| Jul 17            | Jul 18          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Remainder of night.. |
| Jul 18            | Jul 19          | 59-299          | CAT                              | ES                 | CAT service time   | ALFOSC +FIES    |                      |
| Jul 19            | Jul 20          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | 1hr observations e.. |
| Jul 20            | Jul 21          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES    | Service              |
| Jul 21            | Jul 22          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES    | Remainder of night.. |
| Jul 21            | Jul 22          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES    | Half night - distr.. |

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|-------------------|-----------------|-----------------|----------------------------------|--------------------|--|--------------|----------------------|
| Jul 22            | Jul 24          | 59-901          | NOT                              | NOT                | Technical time   | DiPol        | Own instrument       |
| Jul 24            | Jul 25          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | 1hr observations e.. |
| Jul 25            | Jul 29          | 59-103          | Nadege Lagarde                   | OPTICON            | Carbon isotopic ratio in seismic red giants: the missing pie.. | FIES +ALFOSC | 1hr observations e.. |
| Jul 29            | Jul 30          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | 1.5hr observations.. |
| Jul 30            | Jul 31          | 59-037          | Hakon Dahle                      | NO                 | Spectroscopic follow-up of bright lensed galaxies at ``cosmi.. | MOSCA        |                      |
| Jul 31            | Aug 02          | 59-037          | Hakon Dahle                      | NO                 | Spectroscopic follow-up of bright lensed galaxies at ``cosmi.. | ALFOSC       | Combined run with .. |
| Aug 02            | Aug 03          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Service              |
| Aug 03            | Aug 04          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Aug 03            | Aug 04          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Aug 04            | Aug 05          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Aug 05            | Aug 10          | 59-802          | NBI                              | DK                 | NBI ALFOSC Guaranteed Time                                     | ALFOSC +FIES | NBI Guaranteed Tim.. |
| Aug 05            | Aug 10          | 59-702          | Johan Fynbo, Frank Grundahl      | DK                 | Danish Summer Course in Observational Astrophysics             | ALFOSC +FIES | Danish Summer Cour.. |
| Aug 10            | Aug 11          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Aug 11            | Aug 12          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Aug 12            | Aug 15          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | First half of nigh.. |
| Aug 12            | Aug 15          | 59-004          | S. Desidera                      | IT                 | Characterizing a new young stellar association in the northe.. | ALFOSC +FIES | Second half of nig.. |
| Aug 15            | Aug 16          | 54-502          | Carolina von Essen, Sven Wedem.. | DK,NO              | KOINet: Reprising Keplers heritage from the ground             | ALFOSC +FIES | Time critical UT 2.. |
| Aug 15            | Aug 16          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Aug 16            | Aug 17          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Aug 17            | Aug 18          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES | Remainder of night.. |
| Aug 17            | Aug 18          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES | Half night - distr.. |
| Aug 18            | Aug 19          | 59-301          | Thomas Reynolds                  | ESNOR              | Tidal disruption events in luminous infrared galaxies          | NOTCAM       |                      |
| Aug 19            | Aug 20          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Aug 20            | Aug 21          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Aug 20            | Aug 21          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Aug 21            | Aug 29          | 59-209          | Diego Hidalgo Soto               | ES                 | Characterisation of the first exoplanets detected with their.. | FIES +ALFOSC | First half of nights |
| Aug 21            | Aug 22          | 59-901          | NOT                              | NOT                | Technical time   | FIES +ALFOSC | Second half of night |
| Aug 22            | Aug 28          | 59-110          | Marko Sestovic                   | OPTICON            | Characterising the variability and stellar contamination of .. | NOTCAM +FIES | Second half of nig.. |
| Aug 28            | Aug 29          | 59-901          | NOT                              | NOT                | Technical time   | FIES +ALFOSC | Second half of nig.. |
| Aug 29            | Aug 30          | 59-302          | Josefa Becerra Gonzalez          | ESNOR              | Characterization of the most powerful blazars for the CTA era  | ALFOSC       |                      |
| Aug 30            | Aug 31          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Aug 31            | Sep 03          | 56-205          | Emilio Trigueros Paez            | ES                 | Completing the most extensive survey of O-type spectroscopic.. | FIES +ALFOSC |                      |
| Sep 03            | Sep 06          | 59-016          | Elena Mazzotta Epifani           | IT                 | Exploring the nature of high-inclination TNOs                  | ALFOSC +FIES | Second half of nig.. |
| Sep 03            | Sep 06          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | First half of nigh.. |
| Sep 06            | Sep 08          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC | Service              |
| Sep 08            | Sep 09          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Sep 08            | Sep 09          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |

| Start Date (Noon) | End Date (Noon) | Proposal Number | Principal Investigator           | Institute/ Country | Programme  | Instrument   | Remarks              |
|-------------------|-----------------|-----------------|----------------------------------|--------------------|--|--------------|----------------------|
| Sep 09            | Sep 12          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC |                      |
| Sep 12            | Sep 13          | 59-901          | NOT                              | NOT                | Technical time   | CMOS +FIES   |                      |
| Sep 13            | Sep 14          | 59-506          | Erkki Kankare, Maximilian Stri.. | FI,DK,SE           | Revealing the local transient Universe                         | NOTCAM +FIES | Half night - distr.. |
| Sep 13            | Sep 14          | 59-199          | Various                          | NOT                | Nordic service time  | NOTCAM +FIES | Remainder of night.. |
| Sep 14            | Sep 15          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES | Remainder of night   |
| Sep 14            | Sep 15          | 59-202          | Marie Karjalainen                | ES                 | A planet search among Kepler asteroseismic giant stars         | ALFOSC +FIES | First half of night  |
| Sep 15            | Sep 16          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES |                      |
| Sep 16            | Sep 17          | 59-901          | NOT                              | NOT                | Technical time   | ALFOSC +FIES |                      |
| Sep 17            | Sep 18          | 59-199          | Various                          | NOT                | Nordic service time  | FIES +ALFOSC | 1.5hr observations.. |
| Sep 18            | Sep 19          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC | Service              |
| Sep 19            | Sep 24          | 59-207          | Lola Balaguer Nunez              | ES                 | OCCASO revisited with Gaia DR2                                 | FIES +ALFOSC | On September 23, 1.. |
| Sep 24            | Sep 25          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC | Service              |
| Sep 25            | Sep 26          | 59-199          | Various                          | NOT                | Nordic service time  | ALFOSC +FIES | Remainder of night.. |
| Sep 25            | Sep 26          | 59-007          | Andrea Pastorello                | IT                 | The local transient Universe: peculiar objects                 | ALFOSC +FIES | Half night - distr.. |
| Sep 26            | Sep 28          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC | 16min observation .. |
| Sep 28            | Sep 30          | 59-210          | Grzegorz Nowak                   | ES                 | Follow-up of TESS small planet candidates: Precise masses as.. | FIES +ALFOSC |                      |
| Sep 30            | Oct 01          | 59-503          | Lars A. Buchhave                 | DK                 | Mass measurements of small transiting exoplanets discovered .. | FIES +ALFOSC | Remainder of night.. |

## Monitoring and ToO Programs

| Proposal Number | Principal Investigator    | Institute/ Country | Programme                                | Type        | Instrument | Time Allocation                               | Nights    | Comments                               |
|-----------------|---------------------------|--------------------|--|-------------|------------|---|-----------|--|
| 59-001          | E. Lindfors               | FI                 | Monitoring of a gravitationally lensed.. | Mon+ToO     | ALFOSC/S.. | 16 min per obs. ToO every 2nd night for 2 w.. | 1.9h+1.9h | Mon: Aug 1, (26), 28, 30, Sep 23, 25.. |
| 59-006          | Elena Mason               | IT                 | Classical novae in ``slow motion'. Are.. | Mon         | FIES       | Two observations: second half of May, and J.. | 2x2.5h    | Fixed dates to be scheduled            |
| 59-008          | Jens Hjorth               | DK                 | Fast Transients with the NOT: Instant .. | ToO         | ALFOSC+F.. | 4 hard triggers on ALFOSC, 2.5hr/target, 1 .. | 1.0       | FIES trigger only when birhgt source   |
| 59-010          | Talvikki Hovatta          | FI                 | Connection between magnetic field and .. | Mon         | ALFOSC     | Total 20 obs over sem., 310sec per obs. Mon.. | 2.5h      | Fixed dates to be scheduled            |
| 59-013          | Giorgos Leloudas          | DK                 | Polarimetry of exotic transients         | ToO+SoftToO | ALFOSC     | 1 hard trigger, max 45min, possibly 5 obs i.. | 8h        | Soft ToO during Nordic service or Te.. |
| 59-017          | Radoslaw Wojtak           | DK                 | Anatomy of strongly lensed high-redshi.. | SoftToO     | ALFOSC     | First obs within 3d, 3 triggers, 4hr/trigge.. | 18h+2h    | Soft ToO during Nordic service or Te.. |
| 59-018          | Mikael Granvik            | FI                 | Polarimetric map of asteroid Phaethon,.. | Mon         | ALFOSC     | Multiple imaging polarimetry obs 11 Jul - 3.. | 28h       | Fixed dates scheduled                  |
| 59-023          | Katie Auchetti            | DK                 | A NOT view of extreme variable accreti.. | SoftToO     | ALFOSC+N.. | First observation within ~1 week, follow-up.. | 3h+6h     | Soft ToO during Nordic service or Te.. |
| 59-024          | Eliana Palazzi            | IT                 | Fast radio bursts: searching for their.. | ToO+SoftToO | ALFOSC/S.. | 2x(2h+1h+2x1h+1h) plus overheads              | 14h       | Can also override time-critical prog.. |
| 59-031          | Grigori Fedorets          | FI                 | Physical properties of Earth's tempora.. | ToO         | ALFOSC     | 3 triggers                                    | 3x0.25    | Override                               |
| 59-032          | Jari Kajava               | FI                 | Census of binary white dwarfs in the S.. | Mon+SoftToO | ALFOSC     | 1hr obs of 40 targets. Soft ToO follow-up s.. | 40h+10h   | Fixed dates to be scheduled. Soft To.. |
| 57-501          | John Telting              | NOT                | Kepler K2 follow-up: establishing bina.. | Mon         | ALFOSC     | 60-75 measurements of 4-5 targets spread ov.. | 3.0       | Fixed dates to be scheduled            |
| 58-502          | Pall Jakobsson, Daniele.. | IS,DK,DK           | Building the Sample of emph{Swift} Gam.. | ToO         | Any        | 9x(3h+3h) + 3x(3+Nx2h)                        | 10.0      | Override, immediate response. Follow.. |
| 57-502          | Jesper Sollerman, Ariel.. | SE,SE,SE           | Supernova Target-of-Opportunity from t.. | ToO+SoftToO | ALFOSC     | 10x1.5x1.5h + 10x4x1h                         | 7.0       | Override. First trigger hard. Follow.. |
| 58-505          | Hakon Dahle               | NO                 | A unique probe of a high-redshift supe.. | Mon         | ALFOSC     | g-band 14x36m ~10 days apart. i- and narrow.. | 18h       | Fixed dates to be scheduled            |
| 59-506          | Erkki Kankare, Maximili.. | FI,DK,SE           | Revealing the local transient Universe   | ToO+SoftToO | ALFOSC     | 12 hard ToOs total 5h, rest soft total 70h    | 7.0       | Soft triggers during Nordic service .. |

| Proposal Number | Principal Investigator    | Institute/Country | Programme                                | Type | Instrument | Time Allocation                               | Nights   | Comments                               |
|-----------------|---------------------------|-------------------|--|------|------------|---|----------|--|
| 59-507          | E. Kankare, P. Lundqvist  | FI,SE             | Electromagnetic transients associated .. | ToO  | ALFOSC/N.. | 20 triggers, max 2.5h/nt - 12h follow-up, m.. | 25h+12h  | Can also override time-critical prog.. |
| 59-509          | Daniele Malesani, Silvi.. | DK,IT             | Why NOT? Discovering and characterizin.. | ToO  | ALFOSC/S.. | Discovery 20 targets, 5min/target, 10 night.. | 8.5h+60h | Can also override time-critical prog.. |