

## NORDIC OPTICAL TELESCOPE SCHEDULE, Period 63: 2021 Apr 1 - Oct 1

Start Date (Noon)	End Date (Noon)	Proposal Number	Principal Investigator	Institute/ Country	Programme	Instrument	Remarks
Apr 01	Apr 02	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM +FIES	Half night: Service
Apr 01	Apr 02	63-199	Various	NOT	Nordic service time	NOTCAM +FIES	Remainder of night..
Apr 02	Apr 03	63-901	NOT	NOT	Technical time	ALFOOSC +FIES	
Apr 03	Apr 04	62-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 04	Apr 05	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 05	Apr 06	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 06	Apr 07	63-505	Emil Knudstrup, Luisa Maria Se..	DK,IT	Planetary System Architectures	ALFOOSC +FIES	Time critical UT 2..
Apr 06	Apr 07	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Remainder of night..
Apr 07	Apr 09	63-201	Javier Licandro Goldaracena	ES	Physical characterization of near-Earth Objects	ALFOOSC	
Apr 09	Apr 10	63-901	NOT	NOT	Technical time	ALFOOSC +FIES	
Apr 10	Apr 11	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 11	Apr 12	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 12	Apr 14	63-017	Hakon Dahle	NO	Tracing the internal structure of galaxies back to reionizat..	ALFOOSC	Service
Apr 14	Apr 15	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 15	Apr 16	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 16	Apr 18	63-106	Cameron Lemon	ORP	Spectroscopic Confirmation of Northern Lensed Quasars	ALFOOSC	
Apr 18	Apr 19	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 19	Apr 20	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 20	Apr 21	63-901	NOT	NOT	Technical time	ALFOOSC +FIES	
Apr 21	Apr 22	63-009	Alexandra Veledina	FI	Optical polarimetry of low-mass black hole X-ray binaries in..	DIPol-UF	
Apr 22	Apr 23	63-004	J. P. U. Fynbo	DK	Polarimetry of peculiar Broad Absorption Line quasars: a fis..	DIPol-UF	
Apr 23	Apr 24	63-901	NOT	NOT	Technical time	NOTCAM +FIES	
Apr 24	Apr 25	63-204	Lluis Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
Apr 25	Apr 26	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM +FIES	Half night: Service
Apr 25	Apr 26	63-199	Various	NOT	Nordic service time	NOTCAM +FIES	Remainder of night..
Apr 26	Apr 27	63-017	Hakon Dahle	NO	Tracing the internal structure of galaxies back to reionizat..	NOTCAM	Service
Apr 27	Apr 28	63-901	NOT	NOT	Technical time	ALFOOSC +FIES	
Apr 28	Apr 29	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 29	Apr 30	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
Apr 30	May 03	63-021	Pasi Hakala	FI	Fast Spinning White Dwarfs and the Evolution of Cataclysmic ..	ALFOOSC	Service
May 03	May 04	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
May 04	May 05	63-199	Various	NOT	Nordic service time	ALFOOSC +FIES	Service
May 05	May 06	63-299	CAT	ES	CAT service time	NOTCAM +FIES	

Start Date (Noon)	End Date (Noon)	Proposal Number	Principal Investigator	Institute/ Country	Programme	Instrument	Remarks
May 06	May 07	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 07	May 08	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 08	May 09	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 09	May 10	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
May 10	May 14	63-702	Matthew Hayes	SE	Observational Techniques in Astrophysics II at Stockholm Uni..	ALFOSC	Stockholm observin..
May 14	May 15	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 15	May 16	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 16	May 17	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 17	May 18	63-201	Javier Licandro Goldaracena	ES	Physical characterization of near-Earth Objects	ALFOSC	
May 18	May 19	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 19	May 20	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 20	May 21	63-901	NOT	NOT	Technical time	NOTCAM +FIES	
May 21	May 22	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM +FIES	Half night: Service
May 21	May 22	63-199	Various	NOT	Nordic service time	NOTCAM +FIES	Remainder of night..
May 22	May 23	63-204	Lluís Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
May 23	May 28	63-015	Roberto Decarli	IT	Identification of new $z > 6.5$ quasars in the Northern sky	NOTCAM	Service
May 28	May 29	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
May 29	May 30	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 30	May 31	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
May 31	Jun 01	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 01	Jun 02	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 02	Jun 03	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
Jun 03	Jun 04	63-505	Emil Knudstrup, Luisa Maria Se..	DK,IT	Planetary System Architectures	ALFOSC +FIES	Time critical UT 2..
Jun 03	Jun 04	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Remainder of night..
Jun 04	Jun 05	63-299	CAT	ES	CAT service time	ALFOSC +FIES	
Jun 05	Jun 06	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 06	Jun 07	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 07	Jun 08	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Jun 08	Jun 09	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 09	Jun 10	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 10	Jun 11	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
Jun 11	Jun 14	63-801	IAA	ES	IAA ALFOSC Guaranteed Time	ALFOSC	
Jun 14	Jun 15	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 15	Jun 16	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 16	Jun 17	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jun 17	Jun 18	63-901	NOT	NOT	Technical time	ALFOSC	
Jun 18	Jun 19	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM	Half night: Service

Start Date (Noon)	End Date (Noon)	Proposal Number	Principal Investigator	Institute/ Country	Programme	Instrument	Remarks
Jun 18	Jun 19	63-199	Various	NOT	Nordic service time	NOTCAM	Remainder of night..
Jun 19	Jun 20	63-204	Lluis Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
Jun 20	Jun 22	63-010	Sergey Tsygankov	FI	Unveiling the nature of Galactic HMXBs. Towards the complete..	NOTCAM	8.5hr spread over ..
Jun 20	Jun 22	63-199	Various	NOT	Nordic service time	NOTCAM	Remainder of night..
Jun 22	Jun 23	63-901	NOT	NOT	Technical time	ALFOSC	
Jun 23	Jun 24	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jun 24	Jun 25	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jun 25	Jun 26	63-901	NOT	NOT	Technical time	ALFOSC	
Jun 26	Jun 27	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jun 27	Jun 28	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jun 28	Jun 30	63-201	Javier Licandro Goldaracena	ES	Physical characterization of near-Earth Objects	ALFOSC	
Jun 30	Jul 01	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Jul 01	Jul 02	63-901	NOT	NOT	Technical time	ALFOSC	
Jul 02	Jul 05	63-005	Andrei Berdyugin	FI	A magnetic survey of the oldest white dwarfs	DIPol-UF	
Jul 05	Jul 07	63-009	Alexandra Veledina	FI	Optical polarimetry of low-mass black hole X-ray binaries in..	DIPol-UF	
Jul 07	Jul 08	63-901	NOT	NOT	Technical time	ALFOSC	
Jul 08	Jul 09	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Jul 09	Jul 10	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jul 10	Jul 11	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jul 11	Jul 12	63-199	Various	NOT	Nordic service time	ALFOSC	Service
Jul 12	Jul 13	63-901	NOT	NOT	Technical time	ALFOSC	
Jul 13	Jul 14	63-901	NOT	NOT	Technical time	ALFOSC	
Jul 14	Jul 15	63-204	Lluis Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
Jul 15	Jul 16	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM	Half night: Service
Jul 15	Jul 16	63-199	Various	NOT	Nordic service time	NOTCAM	Remainder of night..
Jul 16	Jul 26	63-502	Thomas Hackman, Maarit Kapyla,..	FI,FI,NO	Topology and evolution of surface magnetic fields in active ..	SOFIN	6 nights spread ov..
Jul 16	Jul 26	63-199	Various	NOT	Nordic service time	SOFIN	4 nights spread ov..
Jul 26	Jul 27	63-901	NOT	NOT	Technical time	ALFOSC +FIES?	
Jul 27	Jul 28	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jul 28	Jul 29	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jul 29	Jul 30	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Jul 30	Jul 31	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Jul 31	Aug 01	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 01	Aug 02	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 02	Aug 07	63-701	Johan Fynbo, Frank Grundahl	DK	Danish Summer Course in Observational Astrophysics	ALFOSC +FIES	Danish Summer Cour..
Aug 02	Aug 07	63-802	NBI	DK	NBI ALFOSC Guaranteed Time	ALFOSC +FIES	NBI Guaranteed Tim..
Aug 07	Aug 08	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service

Start Date (Noon)	End Date (Noon)	Proposal Number	Principal Investigator	Institute/ Country	Programme	Instrument	Remarks
Aug 08	Aug 09	63-505	Emil Knudstrup, Luisa Maria Se..	DK,IT	Planetary System Architectures	ALFOSC +FIES	Time critical UT 2..
Aug 08	Aug 09	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Remainder of night..
Aug 09	Aug 10	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM +FIES	Half night: Service
Aug 09	Aug 10	63-901	NOT	NOT	Technical time	NOTCAM +FIES	Remainder of night
Aug 10	Aug 11	63-204	Lluis Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
Aug 11	Aug 12	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
Aug 12	Aug 14	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Aug 14	Aug 15	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 15	Aug 16	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 16	Aug 19	63-021	Pasi Hakala	FI	Fast Spinning White Dwarfs and the Evolution of Cataclysmic ..	ALFOSC	Service
Aug 19	Aug 20	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 20	Aug 21	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 21	Aug 22	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Aug 22	Aug 23	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
Aug 23	Aug 24	63-017	Hakon Dahle	NO	Tracing the internal structure of galaxies back to reionizat..	NOTCAM	Service
Aug 24	Aug 25	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM +FIES	Half night: Service
Aug 24	Aug 25	63-199	Various	NOT	Nordic service time	NOTCAM +FIES	Remainder of night..
Aug 25	Aug 26	63-901	NOT	NOT	Technical time	ALFOSC +FIES	
Aug 26	Aug 27	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Aug 27	Aug 30	63-210	Giuseppina Battaglia	ES	Chemistry of a galactic merger: the Splash	FIES +ALFOSC	
Aug 30	Aug 31	63-505	Emil Knudstrup, Luisa Maria Se..	DK,IT	Planetary System Architectures	ALFOSC +FIES	Time critical UT 2..
Aug 30	Aug 31	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Remainder of night..
Aug 31	Sep 01	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 01	Sep 06	63-203	Juan Carbajo Hijarrubia	ES	OCCASO survey: checking azimuthal distribution of Open Clust..	FIES	
Sep 06	Sep 07	63-901	NOT	NOT	Technical time	ALFOSC +FIES?	
Sep 07	Sep 08	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 08	Sep 09	63-207	Hannu Parviainen	ES	Transit timing variation follow-up of TESS planets	ALFOSC	
Sep 09	Sep 10	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 10	Sep 11	63-201	Javier Licandro Goldaracena	ES	Physical characterization of near-Earth Objects	ALFOSC	
Sep 11	Sep 12	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 12	Sep 13	63-505	Emil Knudstrup, Luisa Maria Se..	DK,IT	Planetary System Architectures	ALFOSC +FIES	Time critical UT 0..
Sep 12	Sep 13	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Remainder of night..
Sep 13	Sep 14	62-505	Erkki Kankare, Maximilian Stri..	FI,DK,SE	The local transient Universe	NOTCAM	Half night: Service
Sep 13	Sep 14	63-901	NOT	NOT	Technical time	NOTCAM	Remainder of night
Sep 14	Sep 15	63-204	Lluis Galbany	ES	Cosmography of Laniakea: Type Ia supernovae, peculiar veloci..	NOTCAM	
Sep 15	Sep 16	63-901	NOT	NOT	Technical time	ALFOSC +FIES?	
Sep 16	Sep 19	64-110	Mrs Antoaneta Avramova-Boncheva	ORP	Are coronal mass ejection signatures in M dwarfs and solar-l..	ALFOSC	

Start Date (Noon)	End Date (Noon)	Proposal Number	Principal Investigator	Institute/ Country	Programme	Instrument	Remarks
Sep 19	Sep 20	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 20	Sep 24	63-000	NOT	NOT		Stand-down	
Sep 24	Sep 25	63-901	NOT	NOT	Technical time	ALFOSC? +?	
Sep 25	Sep 26	63-199	Various	NOT	Nordic service time	ALFOSC? +FIES	Service
Sep 26	Sep 29	64-151	P. Bonifacio	ChETEC-INFRA	Measuring at Intermediate metallicity Neutron Capture Elements	FIES	
Sep 29	Sep 30	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service
Sep 30	Oct 01	63-199	Various	NOT	Nordic service time	ALFOSC +FIES	Service

## Monitoring and ToO Programs

Proposal Number	Principal Investigator	Institute/ Country	Programme	Type	Instrument	Time Allocation	Nights	Comments
63-003	Suwendu Rakshit	FI	Dust torus around supermassive black h..	Mon	NOTCam+S..	Monitoring 1.5h weekly in optical, and 1.5h..	2.0+1.0	Fixed dates to be scheduled
63-006	Giorgos Leloudas	DK	Polarimetry of exotic transients	ToO+SoftToO	ALFOSC	5 epochs per object, 1 hard ToO, max. 45m	8h	Follow-up soft-ToOs during Nordic se..
63-007	Panos Charalampopoulos	DK	Detailed spectroscopic studies of Tida..	SoftToO	ALFOSC	Follow-up 2 targets. 7 obs. 7h total per ta..	14h	Soft triggers during Nordic service ..
63-008	Steven Williams	FI	Studying the extremes of the Local Gro..	ToO+SoftToO	ALFOSC	Hard trigger, 2 epoches, 1.5h total. Follow..	1.5h+3.9h	Follow-up soft triggers during Nordi..
63-011	Miika Pursiainen	DK	Probing the nature and diversity of ra..	ToO+SoftToO	ALFOSC	6 hard, 70 min Spec. + 10 min phot. Follow-..	12h	Follow-up soft triggers during Nordi..
63-013	Luca Izzo	DK	Classical Novae at high-resolution wit..	SoftToO	FIES	2 triggers. 3-4 epoches of max. 1hr each	6.5h	Soft triggers during Nordic service ..
63-016	Takashi Nagao	FI	Revealing the explosion geometries of ..	SoftToO	ALFOSC	5 triggers, 4 epoches of 40 min each	12.6h	Soft triggers during Nordic service ..
63-019	Mikael Granvik	FI	Follow-up observations of minimoon can..	SoftToO	ALFOSC	10 triggers, ~2h each	2.0	Soft triggers during Nordic service ..
63-023	I. Liodakis	FI	Understanding the neutrino emission of..	SoftToO	ALFOSC	3 alerts, 3 sources per alert, 3.5h per sou..	32h	Soft triggers during Nordic service ..
61-501	Jesper Sollerman, Ariel..	SE,SE	Target-of-Opportunity from the Zwicky ..	ToO+SoftToO	ALFOSC	10x1.5x1.5h + 1.5N + 10x4x1h	8.5	Follow-up soft ToO during Nordic ser..
63-501	A. Agnello	DK	High-cadence Lens Monitoring for Time ..	Mon	StanCam	~30 min obs. on ~140 nights.	7.8	Fixed dates to be scheduled
61-502	Jane Luu	NO	Active Asteroids and Other Unusual Sol..	ToO+SoftToO	ALFOSC	2 triggers	2x2.5h	Follow-up soft ToO during Nordic ser..
62-503	Kasper E. Heintz	IS	Fast Radio Bursts: An Enigma and a Tool	ToO+SoftToO	ALFOSC+N..	4 soft triggers, 2h ALFOSC & 30m NOTCam, 1 ..	8h+2h+2h+1h	Soft-ToOs during Nordic service or T..
63-503	Luca Izzo, Johan P. U. ..	DK,DK	Building the Sample of Swift Gamma-Ray..	ToO	Any	9 triggers. Det. 2h per epoch. Follow-up 1h..	3.0	Override, immediate response. Follow..
63-504	Karsten Brogaard	DK	Establishing the accuracy of asterosei..	Mon	FIES	17 epoches of 60-70min	17.25h	Fixed dates to be scheduled
62-504	Hakon Dahle	NO	Unambiguous time delay values for the ..	Mon	ALFOSC	8 epochs of 20 min	2.7h	Fixed dates to be scheduled
63-505	Emil Knudstrup, Luisa M..	DK,IT	Planetary System Architectures	Mon	FIES	84 observations throughtout the semester	54h	Fixed dates to be scheduled
62-505	Erkki Kankare, Maximili..	FI,DK,SE	The local transient Universe	ToO+SoftToO	ALFOSC	10 hard ToOs 10h, rest soft 60h	7.0	Soft triggers during Nordic service ..
63-506	Erik Kool, Thomas Reyno..	SE,FI	"Near-infrared detection and study of ..	SoftToO	NOTCam	Detection 6x 3 epoches 50 min. Follow-up 20..	15h+18h	Soft triggers during Nordic service ..
61-506	Hakon Dahle	NO	Measuring the Hubble constant from tim..	Mon	ALFOSC	Obs. ~10d apart: 15x20m (J1326)	5.1h	Fixed dates to be scheduled
63-507	Hakon Dahle	NO	The mass of a supermassive black hole.	Mon	ALFOSC	11 epoches of 92 min each	16.8h	Fixed dates to be scheduled
62-507	Charlotte Angus	DK	The Young Supernova Experiment	ToO+SoftToO	ALFOSC	10+6 hard triggers, 3+5 epoches. 12 soft tr..	1.6+2.4+2.25	Follow-up soft triggers during Nordi..

Proposal Number	Principal Investigator	Institute/Country	Programme	Type	Instrument	Time Allocation	Nights	Comments
62-509	Tapio Pursimo	NOT	Changing State QSOs: a clue to underst..	SoftToO	ALFOSC	~10 triggers per semester	12h	Soft triggers during Nordic service ..
63-804	F. Courbin	CH	High-cadence Lens Monitoring for Time ..	Mon	StanCam	~30 min obs. on ~140 nights.	7.8	Fixed dates to be scheduled