

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-01-01 (Tue)	HOLIDAY (LO) None: CLOSED Remote. RECUR_S001 [3912]	HOLIDAY (LO) CLOSED RECUR_A001 [4186]	HOLIDAY (LO) CLOSED RECUR_N001 [4646]
2019-01-02 (Wed)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 7.6 ADD: Change: Set to Blue X stage setting of 15.65 instead of 7.6 Eavesdrop. 2018B_S013 [4572]	Holden et al (UCO) Levy Remote. 2018B_A004 [4614]	
2019-01-03 (Thu)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2018B_S003 [4571]	Howard et al (NOSCHOOLS) Levy Remote. 2018B_A014 [4606]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2018Q4_N001 [4641]
2019-01-04 (Fri)	Woo et al (FOREIGN) Cass: KAST Gr: gr1 600/5000; Dich: d46; polarWheel. Eavesdrop. Support Astronomer 2018B_S024 [4575]	Kane et al (UCR) Levy Remote. Support Astronomer 2018B_A000 [4613]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2018Q4_N000 [4643]
2019-01-05 (Sat) New Moon	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 7.6 ADD: Change: Set to Blue X stage setting of 15.65 instead of 7.6 Eavesdrop. 2018B_S013 [4572]	Siemion et al (UCB-A) Levy Remote. 2018B_A016 [4608]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2018Q4_N001 [4641]

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2019-01-06 (Sun)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. Eavesdrop. CHANGE: Remote	2018B_S022 [4574] Paul Robertson (UCI) Levy Remote. Support Astronomer	2018B_A007 [4612]
2019-01-07 (Mon)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. Eavesdrop.	2018B_S022 [4574] Hirsch et al (UCB-A) Levy Remote.	2018B_A012 [4617] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer
2019-01-08 (Tue)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 7.6 ADD: Change: Set to Blue X stage setting of 15.65 instead of 7.6 Eavesdrop.	2018B_S013 [4572] Kane et al (UCR) Levy Remote.	2018B_A000 [4613] Wright et al (UCSD) NIROSETI NIROSETI Eavesdrop.
2019-01-09 (Wed)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2018B_S003 [4571] Vogt et al (LO) Levy Remote.	2018B_A015 [4607] Wright et al (UCSD) NIROSETI NIROSETI Eavesdrop.

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2019-01-10 (Thu)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. Eavesdrop.	2018B_S022 [4574] Howard et al (NOSCHOOLS) Levy Remote.	2018B_A014 [4606] Wright et al (UCSD) NIROSETI NIROSETI Eavesdrop.
2019-01-11 (Fri)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. Eavesdrop.	2018B_S022 [4574] Kane et al (UCR) Levy Remote.	2018B_A009 [4615] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-01-12 (Sat)	Suess et al (UCB-A) Cass: KAST Gr: gr2 600/7500; Dich: d55; polarWheel. ADD: dMirror; gMirror	2018B_S018 [4578] Holden et al (UCO) Levy Remote.	2018B_A004 [4614] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop.
2019-01-13 (Sun) First Quarter	Suess et al (UCB-A) Cass: KAST Gr: gr2 600/7500; Dich: d55; polarWheel. ADD: dMirror; gMirror	2018B_S018 [4578] Paul Robertson (UCI) Levy Remote.	2018B_A007 [4612] Malkan et al (UCLA) CCD-C2 Filters B V CHANGE: Filters U B V CHANGE: Filters U B V R Remote.

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2019-01-14 (Mon)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Dressing et al (UCB-A) Levy Remote. Support Astronomer 2018B_A010 [4616]	CLOSED (LO) CLOSED RECUR_N000 [4013]
2019-01-15 (Tue)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 7.6 ADD: Change: Set to Blue X stage setting of 15.65 instead of 7.6 Eavesdrop. 2018B_S013 [4572]	Siemion et al (UCB-A) Levy Remote. 2018B_A016 [4608]	CLOSED (LO) CLOSED RECUR_N000 [4013]
2019-01-16 (Wed)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2018B_S011 [4570]	Holden et al (UCO) Levy Remote. 2018B_A004 [4614]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r ' i ' Eavesdrop. 2018Q4_N001 [4641]
2019-01-17 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2018B_S011 [4570]	Howard et al (NOSCHOOLS) Levy Remote. 2018B_A014 [4606]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2018Q4_N000 [4643]
2019-01-18 (Fri)	Ammons et al (LLNL) Cass: ShARCS_LGS Filters: Permanent filter set only. Eavesdrop. 2018B_S009 [4580]	Paul Robertson (UCI) Levy Remote. 2018B_A007 [4612]	Kosiarek et al (UCSC) CCD-C2 Filters B V R Z Remote. 2018Q4_N003 [4647]
2019-01-19 (Sat)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer 2018B_S008 [4590]	Vogt et al (LO) Levy Remote. 2018B_A015 [4607]	Kosiarek et al (UCSC) CCD-C2 Filters B V R Z Remote. 2018Q4_N003 [4647]

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2019-01-20 (Sun) Full Moon	Dressing et al 2018B_S008 [4590] (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer	De Rosa et al 2018B_A003 [4619] (UCB-A) Levy Remote. Support Astronomer	Kilpatrick et al 2018Q4_N001 [4641] (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer
2019-01-21 (Mon)	Dressing et al 2018B_S008 [4590] (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	Bolte et al 2018B_A013 [4618] (LO) Levy Remote. Support Astronomer	Wright et al 2018Q4_N006 [4642] (UCSD) NIROSETI NIROSETI Eavesdrop.
2019-01-22 (Tue)	Dressing et al 2018B_S008 [4590] (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	Holden et al 2018B_A004 [4614] (UCO) Levy Remote.	Wright et al 2018Q4_N006 [4642] (UCSD) NIROSETI NIROSETI Eavesdrop.
2019-01-23 (Wed)	Dressing et al 2018B_S008 [4590] (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	Paul Robertson 2018B_A007 [4612] (UCI) Levy Remote. Kilpatrick et al 2018B_A005 [4628] (UCSC) Levy ; N/A Remote.	Wright et al 2018Q4_N006 [4642] (UCSD) NIROSETI NIROSETI Eavesdrop.
2019-01-24 (Thu)	Melis et al 2018B_S011 [4570] (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	Howard et al 2018B_A014 [4606] (NOSCHOOLS) Levy Remote.	Brink et al 2018Q4_N000 [4643] (UCB-A) CCD-C2 Filters B V R I Remote.

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2019-01-25 (Fri)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2018B_S011 [4570]	Siemion et al (UCB-A) Levy Remote. 2018B_A016 [4608]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2018Q4_N001 [4641]
2019-01-26 (Sat)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2018B_S003 [4571]	Holden et al (UCO) Levy Remote. 2018B_A004 [4614]	Malkan et al (UCLA) CCD-C2 Filters B V CHANGE: Filters U B V CHANGE: Filters U B V R IGNORE: Remote. ADD: Local 2018Q4_N004 [4644]
2019-01-27 (Sun) Last Quarter	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 7.6 ADD: Change: Set to Blue X stage setting of 15.65 instead of 7.6 Eavesdrop. 2018B_S013 [4572]	Paul Robertson (UCI) Levy Remote. 2018B_A007 [4612]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2018Q4_N000 [4643]
2019-01-28 (Mon)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. IGNORE: Eavesdrop. ADD: Remote Support Astronomer 2018B_S022 [4574]	Hirsch et al (UCB-A) Levy Remote. 2018B_A012 [4617]	Siemion et al (UCB-A) SiemionTHIF Guest instrumentation (non-facility); Bringing custom instrumentation (7kg) + mounting plates (2kg) to match multiple sets of threaded holes (P, K, J) on the Nickel's mounting triangle, to allow for flexibility of installation. Support Astronomer 2018Q4_N002 [4648]

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2019-01-29 (Tue)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. IGNORE: Eavesdrop. ADD: Remote	2018B_S022 [4574] Vogt et al (LO) Levy Remote. Kilpatrick et al (UCSC) Levy ; N/A Remote.	2018B_A015 [4607] 2018B_A005 [4628] Siemion et al (UCB-A) SiemionTIIF Guest instrumentation (non-facility); Bringing custom instrumentation (7kg) + mounting plates (2kg) to match multiple sets of threaded holes (P, K, J) on the Nickel's mounting triangle, to allow for flexibility of installation.
2019-01-30 (Wed)	Lau et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d46; polarWheel. CHANGE: Gr: gr6 300/7500, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel. IGNORE: Eavesdrop. ADD: Remote	2018B_S022 [4574] Kane et al (UCR) Levy Remote.	2018B_A000 [4613] Siemion et al (UCB-A) SiemionTIIF Guest instrumentation (non-facility); Bringing custom instrumentation (7kg) + mounting plates (2kg) to match multiple sets of threaded holes (P, K, J) on the Nickel's mounting triangle, to allow for flexibility of installation.
2019-01-31 (Thu)	Woo et al (FOREIGN) Cass: KAST Gr: gr1 600/5000; Dich: d46; polarWheel. Eavesdrop. Support Astronomer	2018B_S024 [4575] Dressing et al (UCB-A) Levy Remote.	2018B_A010 [4616] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-02-01 (Fri)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694] Kilpatrick et al (UCSC) CCD-C2 Filters B V r i Eavesdrop. Support Astronomer

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2019-02-02 (Sat)	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	Malkan et al (UCLA) CCD-C2 Filters B V Remote. 2019Q1_N006 [4678]
2019-02-03 (Sun)	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-04 (Mon) New Moon	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Carl Melis (UCSD) Levy Remote. 2019A_A009 [4685]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-02-05 (Tue)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Kane et al (UCR) Levy Remote. 2019A_A011 [4689]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-02-06 (Wed)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-02-07 (Thu)	Williams et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d55; polarWheel. Eavesdrop. 2019A_S017 [4657]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]

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2019-02-08 (Fri)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote. 2019A_S015 [4656]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-09 (Sat)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Robertson et al (UCI) Levy Remote. Support Astronomer 2019A_A005 [4687]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2019Q1_N003 [4677]
2019-02-10 (Sun)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer 2019A_S026 [4660]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-11 (Mon)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Czekala et al (UCB-A) Levy Remote. Support Astronomer 2019A_A018 [4693]	Malkan et al (UCLA) CCD-C2 Filters B V Remote. 2019Q1_N006 [4678]
2019-02-12 (Tue) First Quarter	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-02-13 (Wed)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	

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2019-02-14 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-15 (Fri)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer 2019A_S018 [4659]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-02-16 (Sat)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. 2019A_S018 [4659]	Robertson et al (UCI) Levy Remote. Support Astronomer 2019A_A005 [4687]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-02-17 (Sun)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer 2019A_S018 [4659]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-02-18 (Mon) Full Moon	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer 2019A_S013 [4661]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	
2019-02-19 (Tue)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S013 [4661]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r i Eavesdrop. Support Astronomer 2019Q1_N003 [4677]

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2019-02-20 (Wed)	Gonzales et al (UCSC) Cass: ShARCS_NGS Filters: Permanent filter set only. Remote. Support Astronomer 2019A_S025 [4663]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-21 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	
2019-02-22 (Fri)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Robertson et al (UCI) Levy Remote. 2019A_A005 [4687]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2019Q1_N003 [4677]
2019-02-23 (Sat)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-02-24 (Sun)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	Wright et al (UCSD) CCD-C2 Filters B V R I Remote. 2019Q1_N007 [4681]
2019-02-25 (Mon) Last Quarter	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	Wright et al (UCSD) CCD-C2 Filters B V R I Remote. 2019Q1_N007 [4681]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-02-26 (Tue)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Kane et al (UCR) Levy Remote. 2019A_A011 [4689]	Wright et al (UCSD) CCD-C2 Filters B V R I Remote. 2019Q1_N007 [4681]
2019-02-27 (Wed)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Wright et al (UCSD) CCD-C2 Filters B V R I Remote. 2019Q1_N007 [4681]
2019-02-28 (Thu)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote. 2019A_S015 [4656]	Brandt et al (UCSB) Levy ; None Remote. 2019A_A015 [4690]	Wright et al (UCSD) CCD-C2 Filters B V R I Remote. 2019Q1_N007 [4681]
2019-03-01 (Fri)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	Malkan et al (UCLA) CCD-C2 Filters B V Remote. 2019Q1_N006 [4678]
2019-03-02 (Sat)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. Support Astronomer 2019A_S024 [4665]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-03-03 (Sun)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. Support Astronomer 2019A_S024 [4665]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-03-04 (Mon)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. 2019A_S024 [4665]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	
2019-03-05 (Tue) New Moon	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. 2019A_S024 [4665]	Robertson et al (UCI) Levy Remote. Support Astronomer Czekala et al (UCB-A) Levy Remote. Support Astronomer 2019A_A017 [4697]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-03-06 (Wed)	Prochaska et al (LO) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d46; polarWheel. Support Astronomer 2019A_S016 [4666]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-03-07 (Thu)	Prochaska et al (LO) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d46; polarWheel. 2019A_S016 [4666]	Kane et al (UCR) Levy Remote. 2019A_A011 [4689]	
2019-03-08 (Fri)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2019Q1_N003 [4677]
2019-03-09 (Sat)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer 2019A_S026 [4660]	Isaacson et al (UCB-A) Levy Remote. 2019A_A010 [4698]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-03-10 (Sun)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S026 [4660] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-03-11 (Mon)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote.	2019A_S026 [4660] Kane et al (UCR) Levy Remote.	2019A_A016 [4692] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer
2019-03-12 (Tue)	Marijana Smailagic (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d46; polarWheel.; RedX 0 RedY 0 BlueX 10 BlueY 5 Eavesdrop. Support Astronomer	2019A_S021 [4667] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-03-13 (Wed) First Quarter	Marijana Smailagic (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d46; polarWheel.; RedX 0 RedY 0 BlueX 10 BlueY 5 Eavesdrop.	2019A_S021 [4667] Dressing et al (UCB-A) Levy Remote.	2019A_A007 [4699] Malkan et al (UCLA) CCD-C2 Filters B V Remote.
2019-03-14 (Thu)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote.	2019A_S001 [4652] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop.
2019-03-15 (Fri)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Holden et al (UCO) Levy Remote.	2019A_A006 [4688] Wright et al (UCSD) NIROSETI NIROSETI

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-03-16 (Sat)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Holden et al (UCO) Levy Remote.	2019A_A000 [4686] Wright et al (UCSD) NIROSETI NIROSETI
2019-03-17 (Sun)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	2019A_S002 [4658] Robertson et al (UCI) Levy Remote. Support Astronomer	2019A_A005 [4687] Wright et al (UCSD) NIROSETI NIROSETI
2019-03-18 (Mon)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	2019A_S002 [4658] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-03-19 (Tue)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	2019A_S002 [4658] Brandt et al (UCSB) Levy ; None Remote. Support Astronomer	2019A_A015 [4690] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer
2019-03-20 (Wed) Full Moon	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer	2019A_S018 [4659] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-03-21 (Thu)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	2019A_S018 [4659] Kane et al (UCR) Levy Remote.	2019A_A011 [4689] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.

DATE	SHANE TELESCOPE SCHEDULE		APF SCHEDULE		NICKEL 1 M REFLECTOR SCHEDULE	
2019-03-22 (Fri)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	2019A_S018 [4659]	Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691]	Wright et al (UCSD) NIROSETI NIROSETI	2019Q1_N008 [4680]
2019-03-23 (Sat)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661]	Czekala et al (UCB-A) Levy Remote. Support Astronomer	2019A_A018 [4693]	Wright et al (UCSD) NIROSETI NIROSETI	2019Q1_N008 [4680]
2019-03-24 (Sun)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661]	Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]	Wright et al (UCSD) NIROSETI NIROSETI	2019Q1_N008 [4680]
2019-03-25 (Mon)	Mark Ammons (LLNL) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S022 [4668]	Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer	2019Q1_N003 [4677]
2019-03-26 (Tue)	Robertson et al (UCI) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S014 [4662]	Robertson et al (UCI) Levy Remote. Support Astronomer	2019A_A005 [4687]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.	2019Q1_N000 [4679]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-03-27 (Wed) Last Quarter	Robertson et al (UCI) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S014 [4662]	Robertson et al (UCI) Levy Remote. Support Astronomer Welsh et al (UCB-SSL) Levy ; NO IODINE CELL. Levy to be used as a classic spectrometer. Flat field required at 3930Å, « with a signal to noise of > 150:1 Remote. Support Astronomer 2019A_A005 [4687] 2019A_A004 [4701]	Malkan et al (UCLA) CCD-C2 Filters B V Remote. 2019Q1_N006 [4678]
2019-03-28 (Thu)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	
2019-03-29 (Fri)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Carl Melis (UCSD) Levy Remote. 2019A_A009 [4685]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2019Q1_N003 [4677]
2019-03-30 (Sat)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	
2019-03-31 (Sun)	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. 2019Q1_N003 [4677]

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2019-04-01 (Mon)	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-04-02 (Tue)	Burgasser et al (UCSD) Cass: KAST Gr: gr2 600/7500; Dich: d57; polarWheel. Eavesdrop. 2019A_S007 [4653]	Robertson et al (UCI) Levy Remote. Support Astronomer 2019A_A005 [4687]	
2019-04-03 (Wed)	Prochaska et al (LO) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d46; polarWheel. Support Astronomer 2019A_S016 [4666]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r i Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-04-04 (Thu) New Moon	Prochaska et al (LO) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d46; polarWheel. 2019A_S016 [4666]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-04-05 (Fri)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	
2019-04-06 (Sat)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. Support Astronomer 2019A_S024 [4665]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r i Eavesdrop. 2019Q1_N003 [4677]

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2019-04-07 (Sun)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. Support Astronomer 2019A_S024 [4665]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-04-08 (Mon)	Burchett et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d57, d46; polarWheel. Eavesdrop. 2019A_S024 [4665]	Kane et al (UCR) Levy Remote. 2019A_A011 [4689]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-09 (Tue)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote. 2019A_S015 [4656]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-10 (Wed)	Williams et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d55; polarWheel. Eavesdrop. 2019A_S017 [4657]	Robertson et al (UCI) Levy Remote. 2019A_A005 [4687]	Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-11 (Thu) First Quarter	Gregg et al (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote. Support Astronomer 2019A_S006 [4669]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	Malkan et al (UCLA) CCD-C2 Filters B V Remote. 2019Q1_N006 [4678]
2019-04-12 (Fri)	Gregg et al (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote. 2019A_S006 [4669]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]

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2019-04-13 (Sat)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	Evening with the Stars et al (MTHAM) EYE ; Google Evening With The Stars RECUR_N009 [4609]
2019-04-14 (Sun)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-04-15 (Mon)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	
2019-04-16 (Tue)	Robertson et al (UCI) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S014 [4662]	Brandt et al (UCSB) Levy ; None Remote. 2019A_A015 [4690]	Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]
2019-04-17 (Wed)	Robertson et al (UCI) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S014 [4662]	Robertson et al (UCI) Levy Remote. Support Astronomer Welsh et al (UCB-SSL) Levy ; NO IODINE CELL. Levy to be used as a classic spectrometer. Flat field required at 3930Å, « with a signal to noise of > 150:1 Remote. Support Astronomer 2019A_A005 [4687] 2019A_A004 [4701]	Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-04-18 (Thu) Full Moon	Mark Ammons (LLNL) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S022 [4668] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-04-19 (Fri)	Gonzales et al (UCSC) Cass: ShARCS_NGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S025 [4663] Vogt et al (LO) Levy Remote.	2019A_A020 [4695] Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-20 (Sat)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661] Kane et al (UCR) Levy Remote.	2019A_A016 [4692] Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-21 (Sun)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661] Czekala et al (UCB-A) Levy Remote. Support Astronomer	2019A_A017 [4697] Wright et al (UCSD) NIROSETI NIROSETI 2019Q1_N008 [4680]
2019-04-22 (Mon)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S013 [4661] Kane et al (UCR) Levy Remote.	2019A_A011 [4689] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer 2019Q1_N003 [4677]
2019-04-23 (Tue)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	2019A_S002 [4658] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote. 2019Q1_N000 [4679]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-04-24 (Wed)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Brandt et al (UCSB) Levy ; None Remote.	2019A_A015 [4690] Malkan et al (UCLA) CCD-C2 Filters B V Remote.
2019-04-25 (Thu)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote.	2019A_S001 [4652] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop.
2019-04-26 (Fri) Last Quarter	Cai et al (UCSC) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer	2019A_S010 [4664] Holden et al (UCO) Levy Remote.	2019A_A000 [4686] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-04-27 (Sat)	Cai et al (UCSC) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer	2019A_S010 [4664] Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop.
2019-04-28 (Sun)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S026 [4660] Brandt et al (UCSB) Levy ; None Remote.	2019A_A015 [4690]

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2019-04-29 (Mon)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr1 600/5000; Dich: d55; polarWheel. Remote.	2019A_S026 [4660] Vogt et al (LO) Levy Remote.	2019A_A020 [4695] Kilpatrick et al (UCSC) CCD-C2 Filters B V r' i' Eavesdrop. Support Astronomer
2019-04-30 (Tue)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S020 [4670] Holden et al (UCO) Levy Remote.	2019A_A006 [4688] Brink et al (UCB-A) CCD-C2 Filters B V R I Remote.
2019-05-01 (Wed)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S020 [4670] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-05-02 (Thu)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote.	2019A_S020 [4670] Kane et al (UCR) Levy Remote.	2019A_A016 [4692]
2019-05-03 (Fri)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]
2019-05-04 (Sat) New Moon	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Brandt et al (UCSB) Levy ; None Remote. Support Astronomer	2019A_A015 [4690]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-05 (Sun)	Marijana Smailagic (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d46; polarWheel.; RedX 0 RedY 0 BlueX 10 BlueY 5 Eavesdrop. Support Astronomer	2019A_S021 [4667] Holden et al (UCO) Levy Remote.	2019A_A006 [4688]
2019-05-06 (Mon)	Marijana Smailagic (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d46; polarWheel.; RedX 0 RedY 0 BlueX 10 BlueY 5 Eavesdrop.	2019A_S021 [4667] Holden et al (UCO) Levy Remote.	2019A_A000 [4686]
2019-05-07 (Tue)	Marijana Smailagic (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d46; polarWheel.; RedX 0 RedY 0 BlueX 10 BlueY 5 Eavesdrop.	2019A_S021 [4667] Kane et al (UCR) Levy Remote.	2019A_A011 [4689]
2019-05-08 (Wed)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote.	2019A_S015 [4656] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-05-09 (Thu)	Gregg et al (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S006 [4669] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-10 (Fri)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Robertson et al (UCI) Levy Remote. Support Astronomer Welsh et al (UCB-SSL) Levy ; NO IODINE CELL. Levy to be used as a classic spectrometer. Flat field required at 3930Å, « with a signal to noise of > 150:1 Remote. Support Astronomer	2019A_A005 [4687] 2019A_A004 [4701]
2019-05-11 (Sat) First Quarter	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Czekala et al (UCB-A) Levy Remote. Support Astronomer	2019A_A017 [4697]
2019-05-12 (Sun)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Brandt et al (UCSB) Levy ; None Remote.	2019A_A015 [4690]
2019-05-13 (Mon)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-14 (Tue)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Robertson et al (UCI) Levy Remote. Welsh et al (UCB-SSL) Levy ; NO IODINE CELL. Levy to be used as a classic spectrometer. Flat field required at 3930Å,« with a signal to noise of > 150:1 Remote. 2019A_A005 [4687] 2019A_A004 [4701]	
2019-05-15 (Wed)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Dressing et al (UCB-A) Levy Remote. 2019A_A007 [4699]	
2019-05-16 (Thu)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	
2019-05-17 (Fri)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	
2019-05-18 (Sat) Full Moon	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-19 (Sun)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	
2019-05-20 (Mon)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	
2019-05-21 (Tue)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Brandt et al (UCSB) Levy ; None Remote. 2019A_A015 [4690]	
2019-05-22 (Wed)	Graham et al (UCB-A) : POLISH ; Will need Gemini triangle with hexagonal plate and lamp removed. Please do not use pellicle in Cass mirror position 3. 2019A_S005 [4671]	Robertson et al (UCI) Levy Remote. Support Astronomer 2019A_A005 [4687]	
2019-05-23 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	
2019-05-24 (Fri)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-25 (Sat) Last Quarter	Foley et al 2019A_S000 [4654] (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.		
2019-05-26 (Sun)	Gregg et al 2019A_S006 [4669] (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote. Support Astronomer	Kane et al 2019A_A016 [4692] (UCR) Levy Remote.	
2019-05-27 (Mon)	Gregg et al 2019A_S006 [4669] (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote.	Howard et al 2019A_A019 [4694] (NOSCHOOLS) Levy Remote.	
2019-05-28 (Tue)	Gregg et al 2019A_S006 [4669] (UCD) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr2 600/7500; Dich: d55; polarWheel. Remote.	Kane et al 2019A_A011 [4689] (UCR) Levy Remote.	
2019-05-29 (Wed)	Treu et al 2019A_S001 [4652] (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote.	Vogt et al 2019A_A020 [4695] (LO) Levy Remote.	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-05-30 (Thu)	Croft et al (UCB-A) Cass: KAST Gr: gr2 600/7500, gMirror; Dich: mirror, d55; polarWheel. For the blue channel, we request an adjustment of the X-stage to reach a central wavelength of 4445 Angstrom (or as close as possible without degraded resolution or vignetting). For the red channel, we are targeting a central wavelength of 6235 Angstrom (or a tilt of 9217).	2019A_S008 [4672] Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691]
2019-05-31 (Fri)	Croft et al (UCB-A) Cass: KAST Gr: gr2 600/7500, gMirror; Dich: mirror, d55; polarWheel. For the blue channel, we request an adjustment of the X-stage to reach a central wavelength of 4445 Angstrom (or as close as possible without degraded resolution or vignetting). For the red channel, we are targeting a central wavelength of 6235 Angstrom (or a tilt of 9217).	2019A_S008 [4672] Brandt et al (UCSB) Levy ; None Remote.	2019A_A015 [4690]
2019-06-01 (Sat)	Croft et al (UCB-A) Cass: KAST Gr: gr2 600/7500, gMirror; Dich: mirror, d55; polarWheel. For the blue channel, we request an adjustment of the X-stage to reach a central wavelength of 4445 Angstrom (or as close as possible without degraded resolution or vignetting). For the red channel, we are targeting a central wavelength of 6235 Angstrom (or a tilt of 9217).	2019A_S008 [4672] Robertson et al (UCI) Levy Remote. Support Astronomer	2019A_A005 [4687]
2019-06-02 (Sun) New Moon	Croft et al (UCB-A) Cass: KAST Gr: gr2 600/7500, gMirror; Dich: mirror, d55; polarWheel. For the blue channel, we request an adjustment of the X-stage to reach a central wavelength of 4445 Angstrom (or as close as possible without degraded resolution or vignetting). For the red channel, we are targeting a central wavelength of 6235 Angstrom (or a tilt of 9217).	2019A_S008 [4672] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-06-03 (Mon)	Croft et al (UCB-A) Cass: KAST Gr: gr2 600/7500, gMirror; Dich: mirror, d55; polarWheel. For the blue channel, we request an adjustment of the X-stage to reach a central wavelength of 4445 Angstrom (or as close as possible without degraded resolution or vignetting). For the red channel, we are targeting a central wavelength of 6235 Angstrom (or a tilt of 9217).	2019A_S008 [4672] Carl Melis (UCSD) Levy Remote.	2019A_A009 [4685]
2019-06-04 (Tue)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-06-05 (Wed)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote.	2019A_S015 [4656] Robertson et al (UCI) Levy Remote.	2019A_A005 [4687]
2019-06-06 (Thu)	Cai et al (UCSC) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer	2019A_S010 [4664] Kane et al (UCR) Levy Remote.	2019A_A011 [4689]
2019-06-07 (Fri)	Williams et al (UCSC) Cass: KAST Gr: gr2 600/7500; Dich: d55; polarWheel. Eavesdrop.	2019A_S017 [4657] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-06-08 (Sat)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S020 [4670] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-06-09 (Sun) First Quarter	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote. Support Astronomer	2019A_S020 [4670] Brandt et al (UCSB) Levy ; None Remote. Support Astronomer	2019A_A015 [4690]
2019-06-10 (Mon)	Rich et al (UCLA) Cass: KAST Gr: gr6 300/7500, gr3 830/8460, gr1 600/5000; Dich: d55; polarWheel. Remote.	2019A_S020 [4670] Holden et al (UCO) Levy Remote.	2019A_A000 [4686]
2019-06-11 (Tue)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Holden et al (UCO) Levy Remote.	2019A_A006 [4688]
2019-06-12 (Wed)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote.	2019A_S001 [4652] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]
2019-06-13 (Thu)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-06-14 (Fri)	Gonzales et al (UCSC) Cass: ShARCS_NGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S025 [4663] Kane et al (UCR) Levy Remote.	2019A_A016 [4692]
2019-06-15 (Sat)	Gonzales et al (UCSC) Cass: ShARCS_NGS Filters: Permanent filter set only. Remote.	2019A_S025 [4663] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-06-16 (Sun) Full Moon	Mark Ammons (LLNL) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S022 [4668] Isaacson et al (UCB-A) Levy Remote.	2019A_A010 [4698]
2019-06-17 (Mon)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661] Brandt et al (UCSB) Levy ; None Remote. Support Astronomer	2019A_A015 [4690]
2019-06-18 (Tue)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S013 [4661] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-06-19 (Wed)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote.	2019A_S013 [4661] Robertson et al (UCI) Levy Remote. Support Astronomer	2019A_A005 [4687]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-06-20 (Thu)	Crabtree et al (UCD) Coude: HamSpect Dewar 4 Eavesdrop. Support Astronomer	2019A_S011 [4673] Kane et al (UCR) Levy Remote.	2019A_A011 [4689]
2019-06-21 (Fri)	Crabtree et al (UCD) Coude: HamSpect Dewar 4 Eavesdrop.	2019A_S011 [4673] Robertson et al (UCI) Levy Remote.	2019A_A005 [4687]
2019-06-22 (Sat)	Crabtree et al (UCD) Coude: HamSpect Dewar 4 Eavesdrop.	2019A_S011 [4673] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]
2019-06-23 (Sun)	Crabtree et al (UCD) Coude: HamSpect Dewar 4 Eavesdrop. Support Astronomer	2019A_S011 [4673] Holden et al (UCO) Levy Remote.	2019A_A000 [4686]
2019-06-24 (Mon) Last Quarter	Crabtree et al (UCD) Coude: HamSpect Dewar 4 Eavesdrop.	2019A_S011 [4673] Kane et al (UCR) Levy Remote.	2019A_A016 [4692]
2019-06-25 (Tue)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-06-26 (Wed)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Brandt et al (UCSB) Levy ; None Remote. 2019A_A015 [4690]	
2019-06-27 (Thu)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	
2019-06-28 (Fri)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	
2019-06-29 (Sat)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	
2019-06-30 (Sun)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Kane et al (UCR) Levy Remote. 2019A_A016 [4692]	
2019-07-01 (Mon) New Moon	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Holden et al (UCO) Levy Remote. 2019A_A000 [4686]	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-07-02 (Tue)	Zheng et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gMirror; Dich: d57, d55; polarWheel.; BlueX 7.6mm Remote. 2019A_S015 [4656]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	
2019-07-03 (Wed)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Holden et al (UCO) Levy Remote. 2019A_A006 [4688]	
2019-07-04 (Thu)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	
2019-07-05 (Fri)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Robertson et al (UCI) Levy Remote. Support Astronomer 2019A_A005 [4687]	
2019-07-06 (Sat)	Kupfer et al (UCSB) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr3 830/8460; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer 2019A_S019 [4674]	Brandt et al (UCSB) Levy ; None Remote. Support Astronomer 2019A_A015 [4690]	
2019-07-07 (Sun)	Kupfer et al (UCSB) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr3 830/8460; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer 2019A_S019 [4674]	Czekala et al (UCB-A) Levy Remote. Support Astronomer 2019A_A017 [4697]	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-07-08 (Mon) First Quarter	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote.	2019A_S003 [4655] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-07-09 (Tue)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop.	2019A_S000 [4654] Kane et al (UCR) Levy Remote.	2019A_A011 [4689]
2019-07-10 (Wed)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote.	2019A_S001 [4652] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-07-11 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop.	2019A_S002 [4658] Kosiarek et al (UCSC) Levy Remote.	2019A_A012 [4691]
2019-07-12 (Fri)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Siemion et al (UCB-A) Levy Remote.	2019A_A021 [4696]
2019-07-13 (Sat)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Kane et al (UCR) Levy Remote.	2019A_A016 [4692]
2019-07-14 (Sun)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Robertson et al (UCI) Levy Remote.	2019A_A005 [4687]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-07-15 (Mon)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Brandt et al (UCSB) Levy ; None Remote.	2019A_A015 [4690]
2019-07-16 (Tue) Full Moon	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Howard et al (NOSCHOOLS) Levy Remote.	2019A_A019 [4694]
2019-07-17 (Wed)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Dressing et al (UCB-A) Levy Remote.	2019A_A007 [4699]
2019-07-18 (Thu)	Puetter et al (UCSD) : AeroSpOpIR ; Telescope baffles in	2019A_S012 [4675] Vogt et al (LO) Levy Remote.	2019A_A020 [4695]
2019-07-19 (Fri)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop. Support Astronomer	2019A_S018 [4659] Holden et al (UCO) Levy Remote.	2019A_A000 [4686]
2019-07-20 (Sat)	Dressing et al (UCB-A) Cass: ShARCS_LGS Filters: CH ₄ 1.2 μm, H continuum, K continuum Eavesdrop.	2019A_S018 [4659] Holden et al (UCO) Levy Remote.	2019A_A006 [4688]
2019-07-21 (Sun)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. Support Astronomer	2019A_S013 [4661] Kane et al (UCR) Levy Remote.	2019A_A016 [4692]

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-07-22 (Mon)	Rich et al (UCLA) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S013 [4661]	Siemion et al (UCB-A) Levy Remote. 2019A_A021 [4696]	
2019-07-23 (Tue)	Mark Ammons (LLNL) Cass: ShARCS_LGS Filters: Permanent filter set only. Remote. 2019A_S022 [4668]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	
2019-07-24 (Wed) Last Quarter	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Brandt et al (UCSB) Levy ; None Remote. 2019A_A015 [4690]	
2019-07-25 (Thu)	Melis et al (UCSD) Cass: KAST Gr: gr4 1200/5000, gr3 830/8460, gMirror; Dich: mirror, d57; polarWheel.; BlueX 11.0mm Eavesdrop. 2019A_S002 [4658]	Kosiarek et al (UCSC) Levy Remote. 2019A_A012 [4691]	
2019-07-26 (Fri)	Foley et al (UCSC) Cass: KAST Gr: gr6 300/7500, gr4 1200/5000, gr1 600/5000; Dich: d57; polarWheel.; BlueX 15.65 Eavesdrop. 2019A_S000 [4654]	Robertson et al (UCI) Levy Remote. 2019A_A005 [4687]	
2019-07-27 (Sat)	Filippenko et al (UCB-A) Cass: KAST Gr: gr6 300/7500, gr1 600/5000, gMirror; Dich: mirror, d57; polarWheel.; BlueX 7.6 mm Remote. 2019A_S003 [4655]	Czekala et al (UCB-A) Levy Remote. Support Astronomer 2019A_A018 [4693]	

DATE	SHANE TELESCOPE SCHEDULE	APF SCHEDULE	NICKEL 1 M REFLECTOR SCHEDULE
2019-07-28 (Sun)	Treu et al (UCLA) Cass: KAST Gr: gr2 600/7500, gr1 600/5000, gMirror; Dich: d46; polarWheel. Remote. 2019A_S001 [4652]	Vogt et al (LO) Levy Remote. 2019A_A020 [4695]	
2019-07-29 (Mon)	Kupfer et al (UCSB) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr3 830/8460; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer 2019A_S019 [4674]	Howard et al (NOSCHOOLS) Levy Remote. 2019A_A019 [4694]	
2019-07-30 (Tue)	Kupfer et al (UCSB) Cass: KAST Gr: gr6 300/7500, gr2 600/7500, gr3 830/8460; Dich: d57, d55; polarWheel. Eavesdrop. 2019A_S019 [4674]	Kane et al (UCR) Levy Remote. 2019A_A011 [4689]	
2019-07-31 (Wed)	Cai et al (UCSC) Cass: KAST Gr: gr2 600/7500, gr1 600/5000; Dich: d57, d55; polarWheel. Eavesdrop. Support Astronomer 2019A_S010 [4664]	Robertson et al (UCI) Levy Remote. 2019A_A005 [4687]	