

Observing Schedule for 104cm Telescope - January/February/March 2010

January 2010

Date	Observers ¹	Program title	Instrument ⁴	Remark ²
1 Jan	Eng./ToO ³	Characterization/ToO ³	2K CCD	Inst. change on 1 (Fri)
2-3 Jan	MP, VP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	
4-5 Jan	SJ, TR, OK MS	Time-series follow-up observations of HD 103498	Fast Photometer	Inst. change on 4 (Mon)
6-7 Jan	ACG, JCP & BJM	Optical Polarimetric variability of Blazars in their High-state	AIMPOL	Inst. change on 6 (Wed)
8 Jan (7PM - 12PM)	JJ, AKP, N	Star formation and IMF studies of young clusters	2K CCD	Inst. change on 8 (Fri)
8-10 Jan (12PM - 6AM)	CK, BBS, DKS	Star forming regions in Wolf-Rayet Galaxies	2K CCD	
9-10 Jan (7PM - 12PM)	AO, MG, BK, SJ NL, RM & JSP	Exploration of Lucky Imaging with the 104-cm Telescope	2K CCD	
11-12 Jan	HG, ACG	Comp. Photometric Variability of Low and High-energy Peaked Blazars on Intra-day and Short Time Scales	2K CCD	
13 Jan	YJ, DPo	The orbital dynamical history of extrasolar planet HD 80606b	2K CCD	
14-15 Jan	DP, RKSJ	Photometric Studies of Globular Clusters	2K CCD	
16-17 Jan	RJ, HC, ACG	Optical Intra-day variability (IDV) of various classes of luminous AGNs	2K CCD	
18-19 Jan	RKY, AKP, MRS	Optical observation of Galactic young star forming regions	2K CCD	
20 Jan	HG, ACG	Comp. Photometric Variability of Low and High-energy Peaked Blazars on Intra-day and Short Time Scales	2K CCD	
21 Jan	RKSJ, DP	Mass function in galactic star clusters	2K CCD	
22-23 Jan	JCP, BJM	Polarimetric study of TTS	AIMPOL	Inst. change on 22 (Fri)
24-25 Jan	ACG, JCP & BJM	Optical Polarimetric variability of Blazars in their High-state	AIMPOL	
26-27 Jan	CE, AKP, MG DKO & CM	Optical broad-band polarimetric observations of different Galactic environments	AIMPOL	
28-30 Jan	NKC, SJ IS, YG & JCP	Study of Magnetic activity of late type stars	2K CCD	Inst. change on 28 (Thu)
31 Jan	VP, MP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	

February 2010

Date	Observers ¹	Program title	Instrument ⁴	Remark ²
1 Feb	VP, MP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	
2-3 Feb	SJ, TR, OK MS	Time-series follow-up observations of HD 103498	Fast Photometer	Inst. change on 2 (Tue)
4-5 Feb	MP, VP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	Inst. change on 4 (Thu)
6 Feb	Eng./ToO ³	Characterization/ToO ³	2K CCD	
7-8 Feb	NKC, SJ IS, YG & JCP	Study of Magnetic activity of late type stars	2K CCD	
9-10 Feb	HG, ACG	Comp. Photometric Variability of Low and High-energy Peaked Blazars on Intra-day and Short Time Scales	2K CCD	
11-12 Feb	RKSY, DP	Mass function in galactic star clusters	2K CCD	
13-14 Feb	RKY, AKP, MRS	Optical observation of Galactic young star forming regions	2K CCD	
15-16 Feb	RJ, HC, ACG	Optical Intra-day variability (IDV) of various classes of luminous AGNs	2K CCD	
17 Feb	DP, RKSY	Photometric Studies of Globular Clusters	2K CCD	
18 Feb	YJ, SJ	Search for variable stars in young open star cluster NGC 1960	2K CCD	
19 Feb	CK, BBS & DKS	Star forming regions in Wolf-Rayet Galaxies	2K CCD	
20-21 Feb	DB, AD, RKSY	Study of Mass function in Open Star Clusters	2K CCD	
22 Feb	YJ, SJ	Search for variable stars in young open star cluster NGC 1960	2K CCD	
23-24 Feb	CE, AKP, MG DKO & CM	Optical broad-band polarimetric observations of different Galactic environments	AIMPOL	Inst. change on 23 (Tue)
25 Feb	ACG, JCP & BJM	Optical Polarimetric variability of Blazars in their High-state	AIMPOL	
26-28 Feb	VP, MP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	Inst. change on 26 (Fri)

March 2010

Date	Observers ¹	Program title	Instrument ⁴	Remark ²
1-2 Mar	Eng./ToO ³	Characterization/ToO ³	2K CCD	
3-4 Mar	VP, MP, DCS & JCP	Study of optical photometric light curves of some chromospherically active stars	2K CCD	
5-7 Mar	SJ, TR, OK MS	Time-series follow-up observations of HD 103498	Fast Photometer	Inst. change on 5 (Fri)
8-9 Mar	CE, AKP, MG DKO & CM	Optical broad-band polarimetric observations of different Galactic environments	AIMPOL	Inst. change on 8 (Mon)
10 Mar	ACG, JCP & BJM	Optical Polarimetric variability of Blazars in their High-state	AIMPOL	
11-12 Mar	RJ, HC, ACG	Optical Intra-day variability (IDV) of various classes of luminous AGNs	2K CCD	Inst. change on 11 (Thu)
13-14 Mar	Eng./ToO ³	Characterization/ToO ³	2K CCD	
15-16 Mar	HG, ACG	Comp. Photometric Variability of Low and High-energy Peaked Blazars on Intra-day and Short Time Scales	2K CCD	
17-18 Mar	YJ, SJ	Search for variable stars in young open star cluster NGC 1960	2K CCD	
19-20 Mar	RR, KK, BK SBP & RS	Deep Photometric observations of supernovae SN 2008gz and SN 2008Sin	2K CCD	
21-22 Mar	HG, ACG	Comp. Photometric Variability of Low and High-energy Peaked Blazars on Intra-day and Short Time Scales	2K CCD	
23-24 Mar	DB, AD, RKSJ	Study of Mass function in Open Star Clusters	2K CCD	
25-26 Mar	RKSJ, DP	Mass function in galactic star clusters	2K CCD	
27 Mar	Eng./ToO ³	Characterization/ToO ³	2K CCD	
28-29 Mar	NKC, SJ IS, YG & JCP	Study of Magnetic activity of late type stars	2K CCD	
30-31 Mar	SJ, YJ	Characterization of 1K×1K frame transfer CCD	1K CCD	Inst. change on 30 (Tue)

1 - **Observers are requested** : (a) to check the observation set-up during day-time in the 1st night; (b) to maintain the log of observing run for smooth functioning of the system, *please must fill up the log-book as well as e-log (e-log send to atac@aries.res.in)*; (c) to fill-up Liquid Nitrogen before observations during Sat-Sun and holidays.

2 - Instrument Change, filling up Liquid Nitrogen to the installed instrument during working day-time, log-book attending, telescope smooth functioning etc will look after by the 104cm day-staff members include Er. Shobhit Yadav (Eng. Incharge of 104cm Telescope), Mr. B. S. Negi, Mr. A. K. Singh & Mr. Brajesh Kumar

3 - ToO : Target Of Opportunity - Please note that the GRB-SNe observations is in priority as it is event-based, please provide few hours to monitor it, ATAC⁵ will compensate your valuable time in the future nights kept for ToO, if available any.

4 - Filter sets in 2K × 2K CCD - U, B, V, R & I for Jan/Feb/Mar 2010 observations.

5 - ATAC : ARIES Time Allocation committee.

ToO³ observing programs

Observers	Program title	Instrument	Remark
RR, KK, BK, SBP BJM & RS	Investigating burst mechanism of Supernovae & GRBs	2K CCD	
KK, SBP, BK RR	Study of Cosmic explosions and their associations	2K CCD	

ACG	Alok C. Gupta
AD	A. K. Durgapal
AKP	Anil Kumar Pandey
AO	Amitesh Omar
BBS	B.B. Sanwal
BJM	Biman J. Medhi
BK	Brijesh Kumar
CE	C.Eswariah
CK	Chrisphin Kartik
CM	C.Muthu
DB	D. Bist
DCS	D. C. Srivastava
DKO	D.K.Ojha
DKS	D.K.Sahu
DP	Davesh Path Sariya
DPo	Don Pollacco
HC	Hum Chand
HG	Haritma Gaur
IS	Igor Savanov
JCP	Jeewan C. Pandey
JJ	Jessy Jose
JSP	Jay Shreekar Pant
KK	K. Kalyan Kumar
MG	Maheswar Gopinathan
MP	Manoj Kumar Patel
MRS	Manash Ranjan Samal
MS	M. Sachkov
NKC	N. K. Chakradhari
N	Neelam
NL	Nicholas Law
OK	Oleg Kochukhov
RKY	Ramkesh Yadav
RKSY	R.K.S.Yadav
RJ	Ravi Joshi
RM	Rajan Mainpal
RR	Rupak Roy
RS	Ram Sagar
SBP	Shashi B. Pandey
SJ	Santosh Joshi
TR	Tanya Ryabchikova
VP	Vinod Prasad
YJ	Yogesh Joshi
CHZ.	Characterization
LN2	Liquid Nitrogen
CCD	Charge Coupled device
2K CCD	2048 x 2048 CCD Camera
1K CCD	1024 x 1024 Frame Transfer CCD Camera
ToO	Target of Opportunity