

# Calar Alto 2.2m-Telescope Autumn 2021

(Tentative Schedule)

1. 1.	30. 6. #22 0.5 N Service	<b>Santos-Sanz (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	ToO: Stellar occultations by Dwarf Planets, TNOs and Centaurs
1. 1.	30. 6. #30 2 N Service	<b>Bonnoli (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring of observations with Polarimetry at 2.2m Calar Alto Telescope
1. 1.	30. 6. #14 1 N Service	<b>Gallego Cano (Gergal, Almeria)</b> IAA-CSIC	<b>CAFOS</b>	FaNTA from Calar Alto
1. 1.	30. 6. #29 1 N Service	<b>Caballero-Garcia (18080 Granada)</b> IAA-CSIC	<b>CAFOS</b>	Searching for an underlying GRB component in the emission of SN Ic-BLs
1. 1.	30. 6. #18 2+1 N Service	<b>de Ugarte Postigo (Granada)</b> IAA-CSIC	<b>CAFOS BUSCA</b>	GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions
1. 1.	30. 6. #28 1+1 N Service	<b>Castro-Tirado (18080 Granada)</b> IAA-CSIC	<b>CAFOS BUSCA</b>	Unveiling the underlying physical mechanisms in gamma-ray bursts: from short-duration GRBs to very-high energetic ones
1. 1.	30. 6. #20 2 N Service	<b>Kann (Granada)</b> IAA - CSIC	<b>CAFOS</b>	Follow-up of Kilonova Candidates at CAHA
1. 1.	30. 6. #21 1 N Service	<b>Kann (Granada)</b> IAA - CSIC	<b>BUSCA</b>	Follow-up of Kilonova Candidates at CAHA
5. 7.	6. 7. #26 2 N Service	<b>Cala</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Non-thermal planetary nebulae as a new type of astronomical object
	9. 7. #30 0,5 N Service	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
13. 7.	15. 7. #26 3 N Service	<b>Cala</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Non-thermal planetary nebulae as a new type of astronomical object
19. 7.	22. 7. #10 4 N Visitor	<b>Antunano</b> Universidad País Vasco	<b>CAFOS</b>	High-resolution observations of Jupiter and Saturn
27. 7.	28. 7. #11 2 N Service	<b>Djupvik</b> Nordic Optical Telescope	<b>AstraLux</b>	W40: the late stages of a bipolar nebula
	2. 8. #30 0,5 N	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
	3. 8. #03 1 N Service	<b>Lodieu</b> IAC	<b>CAFOS</b>	Investigating chemically peculiar stars from The Zwicky Transient Facility survey
7. 8.	8. 8. #11 2 N Service	<b>Djupvik</b> Nordic Optical Telescope	<b>CAFOS</b>	W40: the late stages of a bipolar nebula
	17.8. #30 0,5 N Service	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
	30. 8. #30 0,5 N Service	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
2. 9.	3. 9. #15 2 N Service	<b>Figueras</b> Universitat de Barcelona	<b>CAFOS</b>	A complete census of red supergiants in the solar neighbourhood
13. 9.	14. 9. #09 2 N Service	<b>Lillo-Box</b> Centro de Astrobiología (INTA-CSIC)	<b>AstraLux</b>	The CAHA follow-up of TESS planet candidates II
	17. 9. #30 0,5 N Service	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
22.9.	23. 9. #01 2 N Service	<b>Maíz</b> Centro de Astrobiología (INTA-CSIC)	<b>AstraLux</b>	A lucky imaging survey of northern Galactic massive stars
	28. 9. #30 0,5 N Service	<b>Bonnoli</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
1.10.	4. 10. #25 4 N Service	<b>Ortiz</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Time series photometry and astrometry of exotic Trans-Neptunian Objects

11.10.	12.10.	<b>Marquez</b>	<b>CAFOS</b>	Spectroscopy of fossil group galaxies
#02	1.5 N	Instituto de Astrofísica de Andalucía		
	Service			
	12.10.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			
	29.10.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			
2.11.	4.11.	<b>Balaguer</b>	<b>CAFE</b>	OCCASO survey: checking azimuthal distribution of Open Clusters
#13	3 N	Universitat de Barcelona		
	Service			
9.11.	11.11.	<b>Lillo-Box</b>	<b>CAFE</b>	The CAHA follow-up of TESS planet candidates II
#09	3 N	Centro de Astrobiología (INTA-CSIC)		
	Service			
	15.11.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			
	23.11.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			
24.11.	25.11.	<b>Balaguer</b>	<b>CAFE</b>	OCCASO survey: checking azimuthal distribution of Open Clusters
#13	2 N	Universitat de Barcelona		
	Service			
30.11.	2.12.	<b>Lillo-Box</b>	<b>CAFE</b>	The CAHA follow-up of TESS planet candidates II
#09	3 N	Centro de Astrobiología (INTA-CSIC)		
	Service			
	8.12.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			
	9.12.	<b>Marquez</b>	<b>CAFOS</b>	Spectroscopy of fossil group galaxies
#02	1 N	Instituto de Astrofísica de Andalucía		
	Service			
	#30	0,5 N	Instituto de Astrofísica de Andalucía	
	Service			
13.12.	14.12.	<b>Lillo-Box</b>	<b>CAFE</b>	The CAHA follow-up of TESS planet candidates II
#09	3 N	Centro de Astrobiología (INTA-CSIC)		
	service			
28.12.	29.12.	<b>Cordes</b>	<b>BUSCA</b>	Observation of pulsating hot sub-dwarf stars (BUSCA guaranteed time)
#04	2 N	Argelander Inst. Astronomy (Uni. Bonn)		
	Service			
	30.12.	<b>Bonnoli</b>	<b>CAFOS</b>	TOP-MAPCAT Target of Opportunity and Monitoring observations of AGNs with Polarimetry at 2.2m Calar Alto Telescope
#30	0,5 N	Instituto de Astrofísica de Andalucía		
	Service			

**Target of Opportunity programmes:**

- Gallego Cano (#14)** FaNTA from Calar Alto  
6 triggers ; total nights: 1  
Instrument: CAFOS
- De Ugarte (#18)** GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions  
3 & 3 triggers; total nights: 2 & 1  
Instrument: CAFOS & BUSCA
- Kann (#20 & #21)** Follow-up of Kilonova Candidates at CAHA  
4 candidates; total nights: 2 + 1  
Instrument: CAFOS & BUSCA
- Santos-Sanz (#22)** ToO: Stellar occultations by Dwarf Planets/TNOs and Centaurs.  
4 occultations; total nights: 0.5  
Instrument: CAFOS, AstraLux or 2.2m AG
- Castro-Tirado (#28)** Unveiling the underlying physical mechanisms in gamma-ray bursts: from short-duration GRBs to very-high energetic ones.  
8 triggers; total nights: 1 + 1  
Instrument: CAFOS & BUSCA
- Caballero-García (#29)** Searching for an underlying GRB component in the emission of SN Ic-BLs  
2-3 triggers ; total nights: 1  
Instrument: CAFOS
- Bonnoli (#30)** TOP-MAPCAT Target of Opportunity and Monitoring of observations with Polarimetry at 2.2m Calar Alto Telescope  
4triggers, 4 visits each; total nights: 2  
Instrument: CAFOS