

# Calar Alto 2.2m-Telescope Spring 2021

(Tentative Schedule)

1. 1.	30. 6.	<b>Santos-Sanz (Granada)</b> #11 0.5 N Instituto de Astrofísica de Andalucía Service	CAFOS	ToO: Stellar occultations by Dwarf Planets, TNOs and Centaurs
1. 1.	30. 6.	<b>Agüi Fernández (Granada)</b> #21 1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Linear polarimetry of GRBs and SLSNe
1. 1.	30. 6.	<b>de Ugarte Postigo (Granada)</b> #13 1 N IAA-CSIC Service	CAFOS	GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions
1. 1.	30. 6.	<b>Castro-Tirado (18080 Granada)</b> #29 1 N IAA-CSIC Service	CAFOS	Unveiling the underlying physical mechanisms in gamma-ray bursts: from short-duration GRBs to very-high energetic ones
1. 1.	30. 6.	<b>de Ugarte Postigo (Granada)</b> #14 0.5 N IAA-CSIC Service	BUSCA	GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions
1. 1.	30. 6.	<b>Thöne (Granada)</b> #20 1 N IAA - CSIC Service	CAFOS	Follow-up of nearby core-collapse supernovae with pre-explosion data
1. 1.	30. 6.	<b>Gallego Cano (Gergal, Almería)</b> #30 1 N CAHA/IAA-CSIC Service	CAFOS	FaNTA from Calar Alto
5. 1.	6. 1.	<b>Carbajo-Hijarrubia (Barcelona)</b> #7 2 N Universitat Barcelona, ICC-UB, IEEC Service	CAFÉ	OCCASO survey: checking azimuthal distribution of Open Clusters
	12. 1.	<b>Lara (Granada)</b> #3 1 x 0,3 N Instituto de Astrofísica de Andalucía Service	CAFOS	Comet 7P: a backup target for the Comet Interceptor mission.
19. 1.	20. 1.	<b>Carbajo-Hijarrubia (Barcelona)</b> #7 2 N Universitat Barcelona, ICC-UB, IEEC Service	CAFÉ	OCCASO survey: checking azimuthal distribution of Open Clusters
1. 2.	3. 2.	<b>Lillo-Box (Villanueva Cañada Madrid)</b> #12 3 N CAB-Astrofísica (CSIC-INTA) Service	CAFÉ	The CAHA follow-up of TESS planet candidates II
	6. 2.	<b>Duffard</b> #8 0,1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Photometry and Spectroscopy of asteroid Apophis
	6. 2.	<b>Lara (Granada)</b> #3 0,3 N Instituto de Astrofísica de Andalucía Service	CAFOS	Comet 7P: a backup target for the Comet Interceptor mission.
	9. 2.	<b>Duffard</b> #8 0,1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Photometry and Spectroscopy of asteroid Apophis
	9. 2.	<b>Lara (Granada)</b> #3 0.3 N Instituto de Astrofísica de Andalucía Service	CAFOS	Comet 7P: a backup target for the Comet Interceptor mission.
	9. 2.	<b>Ortiz (Granada)</b> #19 0.6 N Instituto de Astrofísica de Andalucía Service	CAFOS	Time series photometry and astrometry of exotic Trans-Neptunian Objects
	10. 2.	<b>Ortiz (Granada)</b> #19 1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Time series photometry and astrometry of exotic Trans-Neptunian Objects
	11. 2.	<b>Duffard</b> #8 0,1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Photometry and Spectroscopy of asteroid Apophis
	11. 2.	<b>Lara (Granada)</b> #3 0.3 N Instituto de Astrofísica de Andalucía Service	CAFOS	Comet 7P: a backup target for the Comet Interceptor mission.
	11. 2.	<b>Ortiz (Granada)</b> #19 0.6 N Instituto de Astrofísica de Andalucía Service	CAFOS	Time series photometry and astrometry of exotic Trans-Neptunian Objects
	14. 2.	<b>Duffard</b> #8 0,1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Photometry and Spectroscopy of asteroid Apophis
	14. 2.	<b>Lara (Granada)</b> #3 1 x 0,3 N Instituto de Astrofísica de Andalucía Service	CAFOS	Comet 7P: a backup target for the Comet Interceptor mission.
17. 2.	18. 2.	<b>Lillo-Box (Villanueva Cañada Madrid)</b> #12 2 N CAB-Astrofísica (CSIC-INTA) Service	CAFÉ	The CAHA follow-up of TESS planet candidates II
	22. 2.	<b>Duffard</b> #8 0,1 N Instituto de Astrofísica de Andalucía Service	CAFOS	Photometry and Spectroscopy of asteroid Apophis

	<b>22. 2.</b> #3 0,3 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
<b>3. 3.</b>	<b>4. 3.</b> #28 2 N Service	<b>Alvarez Saavedra(VillafrancaCastillo)</b> Centro de Astrobiología (CSIC/INTA)	<b>CAFÉ</b>	Full eclipsing binaries characterization in stellar associations
<b>8. 3.</b>	<b>10. 3.</b> #28 3 N Service	<b>Alvarez Saavedra(VillafrancaCastillo)</b> Centro de Astrobiología (CSIC/INTA)	<b>CAFÉ</b>	Full eclipsing binaries characterization in stellar associations
<b>15. 3.</b>	<b>17. 3.</b> #8 3 x 0,5 N Service	<b>Duffard</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Photometry and Spectroscopy of asteroid Apophis
	<b>17. 3.</b> #3 1 x 0,35 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
<b>22. 3.</b>	<b>23. 3.</b> #12 2 N Service	<b>Lillo-Box (Villanueva Cañada Madrid)</b> CAB-Astrofísica (CSIC-INTA)	<b>AstraLux</b>	The CAHA follow-up of TESS planet candidates II
<b>5. 4.</b>	<b>7. 4.</b> #12 3 N Service	<b>Lillo-Box (Villanueva Cañada Madrid)</b> CAB-Astrofísica (CSIC-INTA)	<b>CAFÉ</b>	The CAHA follow-up of TESS planet candidates II
	<b>12. 4.</b> #3 0,35 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
	<b>3. 5.</b> #3 1 x 0,35 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
	<b>12. 5.</b> #3 0,4 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
	<b>12. 5.</b> #19 0.6 N Service	<b>Ortiz (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Time series photometry and astrometry of exotic Trans-Neptunian Objects
	<b>13. 5.</b> #19 1 N Service	<b>Ortiz (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Time series photometry and astrometry of exotic Trans-Neptunian Objects
	<b>14. 5.</b> #3 0,4 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
	<b>14. 5.</b> #19 0.6 N Service	<b>Ortiz (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Time series photometry and astrometry of exotic Trans-Neptunian Objects
<b>18. 5.</b>	<b>19. 5.</b> #5 2 N Service	<b>Cordes (Bonn)</b> Argelander Institute of Astronomy	<b>BUSCA</b>	Long time observation of PG1605+072
	<b>31. 5.</b> #3 1 x 0,35 N Service	<b>Lara (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Comet 7P: a backup target for the Comet Interceptor mission.
<b>4. 6.</b>	<b>7. 6.</b> #9 4 N Visitor	<b>Iñurrigarro (Bilbao)</b> UPV/EHU, Escuela Ingeniería Bilbao	<b>PlanetCam</b>	Observations of Jupiter and Saturn after large convective storms
<b>11. 6.</b>	<b>12. 6.</b> #17 2 N Visitor	<b>Cala (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Non-thermal planetary nebulae as a new type of astronomical object
<b>17. 6.</b>	<b>19. 6.</b> #17 3 N Visitor	<b>Cala (Granada)</b> Instituto de Astrofísica de Andalucía	<b>CAFOS</b>	Non-thermal planetary nebulae as a new type of astronomical object
<b>22. 6.</b>	<b>24. 6.</b> #22 3 N Service	<b>Luque (La Laguna)</b> Instituto de Astrofísica de Canarias	<b>CAFÉ</b>	PiGS: non-transiting Planets in Giant Stars from TESS
<b>28. 6.</b>	<b>30. 6.</b> #22 3 N Service	<b>Luque (La Laguna)</b> Instituto de Astrofísica de Canarias	<b>CAFÉ</b>	PiGS: non-transiting Planets in Giant Stars from TESS

## Target of Opportunity programmes:

- Santos-Sanz (#11)** ToO: Stellar occultations by Dwarf Planets/TNOs and Centaurs.  
4 occultations; total nights: 0.5  
Instrument: CAFOS, AstraLux or 2.2m AG
- Agüí Fernández (#21)** Linear polarimetry of GRBs and SLSNe  
1 trigger – 6 visits; total nights: 1  
Instrument: CAFOS
- De Ugarte (#13 & #14)** GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions  
3 & 3 triggers; total nights: 2 & 1  
Instrument: CAFOS & BUSCA
- Castro-Tirado (#29)** Unveiling the underlying physical mechanisms in gamma-ray bursts: from short-duration GRBs to very-high energetic ones.  
8 triggers; total nights: 1  
Instrument: CAFOS, BUSCA or PANIC
- Thöne (#20)** Follow-up of nearby core-collapse supernovae with pre-explosion data  
2 triggers ; total nights: 1  
Instrument: CAFOS
- Gallego Cano (#30)** FaNTA from Calar Alto  
6 triggers ; total nights: 1  
Instrument: CAFOS