

Calar Alto 3.5m-Telescope Spring 2021

(Tentative Schedule)

1. 1.	30. 6.	Reffert	CARMENES	Confirmation of Planets Orbiting Giant Stars
#51	0.5 N	Landessternwarte Heidelberg		
1. 1.	30. 6.	Palle (La Laguna)	CARMENES	Precise mass measurements of small, temperate TESS planets
#6	15 N	Instituto de Astrofísica de Canarias		
1. 1.	30. 6.	de Ugarte Postigo (Granada)	OMEGA 2000	GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions
#11	1 N	IAA-CSIC		
1. 1.	30. 6.	Kann (Granada)	OMEGA 2000	Follow-up of Kilonova Candidates at CAHA
#19	2 N	IAA/CSIC		
#1	1 x 0,5 N	Maíz Apellániz (Villanueva la Cañada)	CARMENES	A high-resolution O-type spectral library in the YJH bands
	Service	Centro de Astrobiología (CSIC-INTA)		
	7. 1.	Esteban López (La Laguna)	PMAS	Internal and global properties of Galactic HII regions
#15	1 N	Instituto de Astrofísica de Canarias		
	8. 1.	Orell (La Laguna)	CARMENES	The final frontier: exploring the atmospheres of the coolest worlds
#8	0.7 N	IAC		
11.1	12. 1.	Lumbreras-Calle (Teruel)	PMAS	2-D physical properties of extreme emission line galaxies in JPLUS
#14	2x0.5 N	CEFCa		
	15. 1.	Ulla-Miguel (Vigo)	CARMENES	A comparative study of the atmospheres of ultra-hot Jupiters
#21	0.3 N	Dept. Física Aplicada /Universidad Vigo		
	18. 1.	Orell (La Laguna)	CARMENES	The final frontier: exploring the atmospheres of the coolest worlds
#8	0.7 N	IAC		
	26. 1.	Lodieu (La Laguna)	OMEGA 2000	Ground-based parallaxes of metal-poor brown dwarfs
#10	0,33 N	Instituto de Astrofísica de Canarias		
	26. 1.	Huelamo (Villanueva de la Cañada)	OMEGA 2000	Confirmation of 5 proto-brown dwarf candidates through astrometry
#5	0.3 N	CAB(INTA-CSIC)		
	27. 1.	Galbany (18071)	OMEGA 2000	Cosmography of Laniakea from NIR Type Ia supernovae light-curves
#3	1 N	Universidad de Granada (UGR)		
	7. 2.	Orell (La Laguna)	CARMENES	The final frontier: exploring the atmospheres of the coolest worlds
#8	0.6 N	IAC		
	20. 2.	Ulla-Miguel (Vigo)	CARMENES	A comparative study of the atmospheres of ultra-hot Jupiters
#21	0,5 N	Dept. ísica Aplicada / Universidad Vigo		
	23. 2.	Galbany (18071)	OMEGA 2000	Cosmography of Laniakea from NIR Type Ia supernovae light-curves
#3	1 N	Universidad de Granada (UGR)		
	24. 2.	Lodieu (La Laguna)	OMEGA 2000	Ground-based parallaxes of metal-poor brown dwarfs
#10	0,3 N	Instituto de Astrofísica de Canarias		
	24. 2.	Huelamo (Villanueva de la Cañada)	OMEGA 2000	Confirmation of 5 proto-brown dwarf candidates through astrometry
#5	0.3 N	CAB(INTA-CSIC)		
	25. 2.	Maíz Apellániz (Villanueva la Cañada)	CARMENES	The ISM in absorption towards OBA stars
#2	1 N	Centro de Astrobiología (CSIC-INTA)		
8. 3.	9. 3.	Lumbreras-Calle (Teruel)	PMAS	2-D physical properties of extreme emission line galaxies in JPLUS
#14	2 N	CEFCa		
10. 3.	14. 3.	Roth	PMAS	Measuring the diffuse ionized gas in Sextans A
#24	5 N	AIP		
	23. 3.	Galbany (18071)	OMEGA 2000	Cosmography of Laniakea from NIR Type Ia supernovae light-curves
#3	1 N	Universidad de Granada (UGR)		
	24. 3.	Lodieu (La Laguna)	OMEGA 2000	Ground-based parallaxes of metal-poor brown dwarfs
#10	0,33 N	Instituto de Astrofísica de Canarias		
	24. 3.	Huelamo (Villanueva de la Cañada)	OMEGA 2000	Confirmation of 5 proto-brown dwarf candidates through astrometry
#5	0,3 N	CAB(INTA-CSIC)		

	30. 3. Maíz Apellániz (Villanueva la Cañada) #2 1 N Service	ARMENES Centro de Astrobiología (CSIC-INTA)	The ISM in absorption towards OBA stars
	21. 4. Galbany (18071) #3 1 N Service	OMEGA 2000 Universidad de Granada (UGR)	Cosmography of Laniakea from NIR Type Ia supernovae light-curves
	21. 4. Lodieu (La Laguna) #10 0,33 N Service	OMEGA 2000 Instituto de Astrofísica de Canarias	Ground-based parallaxes of metal-poor brown dwarfs
	23. 4. Nugroho F20-#10 0,6 N Service	OMEGA 2000 Queen's University Belfast	WASP189b as a twin sibling of ultra hot jupiter WASP33b, or is it ?
	2. 5. Maíz Apellániz (Villanueva la Cañada) #2 1 N Service	CARMENES Centro de Astrobiología (CSIC-INTA)	The ISM in absorption towards OBA stars
	17. 5. Ulla-Miguel (Vigo) #21 1 N Service	CARMENES Dept. Física Aplicada / Universitat Vigo	A comparative study of the atmospheres of ultra-hot Jupiters
	24. 5. Galbany (18071) #3 1 N Service	OMEGA 2000 Universidad de Granada (UGR)	Cosmography of Laniakea from NIR Type Ia supernovae light-curves
	24. 5. Lodieu (La Laguna) #10 0,33 N Service	OMEGA 2000 Instituto de Astrofísica de Canarias	Ground-based parallaxes of metal-poor brown dwarfs
	26. 5. Maíz Apellániz (Villanueva la Cañada) #2 1 N Service	CARMENES Centro de Astrobiología (CSIC-INTA)	The ISM in absorption towards OBA stars
	16. 6. Ulla-Miguel (Vigo) #21 0,3 N Service	CARMENES Dept. Física Aplicada / Universitat Vigo	A comparative study of the atmospheres of ultra-hot Jupiters
19. 6.	22. 6. Maíz Apellániz (Villanueva la Cañada) #1 4 x 0,5 N Service	CARMENES Centro de Astrobiología (CSIC-INTA)	A high-resolution O-type spectral library in the YJH bands
	23. 6. Maíz Apellániz (Villanueva la Cañada) #2 1 N Service	CARMENES Centro de Astrobiología (CSIC-INTA)	The ISM in absorption towards OBA stars
25. 6.	29. 6. Maíz Apellániz (Villanueva la Cañada) #1 5 x 0,5 N Service	CARMENES Centro de Astrobiología (CSIC-INTA)	A high-resolution O-type spectral library in the YJH bands
	30. 6. Lodieu (La Laguna) #10 1 x 0,33 N Service	OMEGA 2000 Instituto de Astrofísica de Canarias	Ground-based parallaxes of metal-poor brown dwarfs

Target of Opportunity programmes:

- De Ugarte (#11)** GRB follow-up: Afterglow, supernovae and hosts of massive stellar explosions
3-4 triggers; total nights: 1
Instrument: Omega2000
- Kann (#19)** Follow-up of Kilonova at CAHA
4 candidates; total nights: 2
Instrument: Omega2000