

## **LOT Semester 2024B** **(01 May - 31 August, 2024)**

### **Education Program:**

- E01 - Observation Training for CYCU Astronomy Club (**LATTE**)  
PI: Hung-Chin Lin ([hclin@astro.ncu.edu.tw](mailto:hclin@astro.ncu.edu.tw))
- E02 - Off-Campus Teaching of “Introduction to Astrophysics” (**no observations needed**)  
PI: Chin-Ping Hu ([cphu0821@gm.ncue.edu.tw](mailto:cphu0821@gm.ncue.edu.tw))
- E03 - Educational Program for Affiliated Senior High School of NTNU  
PI: Sheng-Yuan Liu ([syliu@asiaa.sinica.edu.tw](mailto:syliu@asiaa.sinica.edu.tw))

### **Research Program:**

(Programs which have international CoIs are marked with \*)

- \*R01 - Lulin Supernova Program  
PI: Yen-Chen Pan ([ycpan@astro.ncu.edu.tw](mailto:ycpan@astro.ncu.edu.tw))
- \*R02 - RR Lyrae-Based Metallicity and Distance to Selected Ultra-Faint Dwarf Galaxies  
PI: Chow-Choong Ngeow ([cngeow@astro.ncu.edu.tw](mailto:cngeow@astro.ncu.edu.tw))
- R03 - Refine the ephemerides of exoplanets for the Ariel Space Telescope  
PI: Yen-Hsing Lin ([julius52700@gmail.com](mailto:julius52700@gmail.com))
- R04 - Monitoring Accretion onto Upper Scorpius Brown Dwarfs  
PI: Ya-Lin Wu ([yalinwu@ntnu.edu.tw](mailto:yalinwu@ntnu.edu.tw))
- R05 - Characterizing Mercury’s Sodium Exosphere  
PI: Chen-Yen Hsu ([pandaangela915@gmail.com](mailto:pandaangela915@gmail.com))
- \*R06 - Towards the first detection of optical counterparts of fast radio bursts (**ToO/ CMOS camera**)  
PI: Tetsuya Hashimoto ([tetsuya@phys.nchu.edu.tw](mailto:tetsuya@phys.nchu.edu.tw))
- R07 - The study of the dust to gas ratio and rotation in long- and short-period comets  
PI: Zhong-Yi Lin ([zylin@astro.ncu.edu.tw](mailto:zylin@astro.ncu.edu.tw))
- \*R08 - LOT follow-up of transient events and new discovery objects from ZTF (**ToO**)  
PI: Zhong-Yi Lin ([zylin@astro.ncu.edu.tw](mailto:zylin@astro.ncu.edu.tw))
- \*R10 - High-precision photometry and astrometry for several binary asteroids in the dense stellar field  
PI: Zhong-jie Zheng ([azhengzj@gdou.edu.cn](mailto:azhengzj@gdou.edu.cn))
- R11 - Spectroscopic Survey on Themis Asteroids (**with extra people**)  
PI: Yu-Chi Cheng ([yuchi.cheng@gapps.ntnu.edu.tw](mailto:yuchi.cheng@gapps.ntnu.edu.tw))

R12 - Chemical Abundance of Recent Bright Comet by LISA (with extra people)

PI: Yu-Chi Cheng ([yuchi.cheng@gapps.ntnu.edu.tw](mailto:yuchi.cheng@gapps.ntnu.edu.tw))

R13 - Probing the accretion stability of Herbig Ae/Be star

PI: Jyun-Heng Lin ([41141905S@gapps.ntnu.edu.tw](mailto:41141905S@gapps.ntnu.edu.tw))

\*R14 - Gold factories in the Universe: discovering and understanding the nature of kilonovae (ToO)

PI: Ting-Wan Chen ([twchen@astro.ncu.edu.tw](mailto:twchen@astro.ncu.edu.tw))

R15 - Spectral Types Identity of the Flaring Eclipsing Binary Components

PI: Li-Ching Huang ([lchuang@ntnu.edu.tw](mailto:lchuang@ntnu.edu.tw))

R16 - Chromospheric Activity of Flaring M Type Eclipsing Binaries

PI: Li-Ching Huang ([lchuang@ntnu.edu.tw](mailto:lchuang@ntnu.edu.tw))

Mon	Tue	Wed	Thu	Fri	Sat	Sun	
29	30	1	2	3	4	5	
		R04 -- Imager				E02 -- no observation	R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]
6	7	8	9	10	11	12	
R04 -- Imager				R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	R02 -- Imager		
13	14	15	16	17	18	19	
R01 -- Imager [Filler]							
R02 -- Imager		R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	R02 -- Imager		R07 -- Imager		
20	21	22	23	24	25	26	
R07 -- Imager R10 -- Imager [2 hrs]	R13 -- UVEX			R11 & R12 -- LISA			
27	28	29	30	31	1	2	
R11 & R12 -- LISA	R01 -- Imager [Filler]					R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	
	R07 -- Imager [1st half] R10 -- Imager [3 hrs]						

Mon	Tue	Wed	Thu	Fri	Sat	Sun
27 R11 & R12 -- LISA	28 R01 -- Imager [Filler] R07 -- Imager [1st half] R10 -- Imager [3 hrs]	29	30	31	1	2 R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]
3	4	5	6 R10 -- Imager [3hrs] R11 -- Imager [2 hrs]	7	8	9 R02 -- Imager
10 R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	11 R07 -- Imager	12	13	14 R10 -- Imager [3 hrs]	15 R02 -- Imager	16 R03 -- Imager
17 R16 -- LISA	18	19 R15 -- UVEX	20	21 E03 -- Imager	22 E03 -- LISA	23 R13 -- UVEX
24 R13 -- UVEX	25 R01 -- Imager [Filler] R07 -- Imager [1st half] R10 -- Imager [3 hrs]	26	27	28	29	30 R11 & R12 -- LISA

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1 R11 & R12 -- LISA	2	3 R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	4 R04 -- Imager	5	6	7
8 R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	9 R04 -- Imager	10	11	12	13 R07 -- Imager R10 -- Imager [2 hrs]	14 R01 -- Imager [Filler]
15 R01 -- Imager [Filler] R07 -- Imager	16	17 R10 -- Imager [3 hrs]	18 R05 -- UVEX [0.2 nights] R15 -- UVEX	19	20	21
22 R05 -- UVEX [0.2 nights] R13 -- UVEX	23	24	25 R01 -- Imager [Filler] R10 -- Imager [3 hrs] R11 -- Imager [2 hrs]	26 R02 -- Imager	27	28
29 R01 -- Imager [Filler] R10 -- Imager [3 hrs]	30 R03 -- Imager	31 R02 -- Imager	1	2	3 R10 -- Imager [3 hrs]	4 R02 -- Imager

Mon	Tue	Wed	Thu	Fri	Sat	Sun
29	30	31	1	2	3	4
R01 -- Imager [Filler]						
R10 -- Imager [3 hrs]	R03 -- Imager	R02 -- Imager			R10 -- Imager [3 hrs]	R02 -- Imager
5	6	7	8	9	10	11
R01 -- Imager [Filler]						
R02 -- Imager		R10 -- Imager [3 hrs]	R02 -- Imager	R03 -- Imager	R02 -- Imager	R10 -- Imager [3 hrs]
12	13	14	15	16	17	18
R01 -- Imager [Filler]			R11 & R12 -- LISA			
E01 -- LATTE	R03 -- Imager	R10 -- Imager [3 hrs]				
19	20	21	22	23	24	25
R01 -- Imager [Filler]	Engineering/Full moon	R01 -- Imager [Filler]	R02 -- Imager			
R02 -- Imager		R02 -- Imager	R10 -- Imager [3 hrs]			
26	27	28	29	30	31	1
R01 -- Imager [Filler]						
R10 -- Imager [3 hrs]	R02 -- Imager	R03 -- Imager	R07 -- Imager			