

**LOT Semester 2022C**  
**(01 September - 31 December, 2022)**

**Education Program:**

E01 - Student Training for NTHU's "Fundamentals of Observational Astronomy" Course

PI: Shih-Ping Lai ([slai@phys.nthu.edu.tw](mailto:slai@phys.nthu.edu.tw))

E02 - Practical Class of "Observational Astronomy"

PI: Albert Kong ([akong@phys.nthu.edu.tw](mailto:akong@phys.nthu.edu.tw))

**Large Program:**

EDEN - Exo-earth Discovery and Exploration Network

PI: Wen-Ping Chen ([wchen@astro.ncu.edu.tw](mailto:wchen@astro.ncu.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 - Adding RR Lyrae y-Band Template Light Curves to gatspy (2/2)

PI: Chow-Choong Ngeow ([cngeow@astro.ncu.edu.tw](mailto:cngeow@astro.ncu.edu.tw))

\*R03 - Monitoring Accretion onto the 20 MJup Companion 2M0359+2009 B

PI: Ya-Lin Wu ([yalinwu@ntnu.edu.tw](mailto:yalinwu@ntnu.edu.tw))

R04 - 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))

R05 - LOT follow-up of transient events and new discovery objects from ZTF

PI: Zhong-Yi Lin ([zylin@astro.ncu.edu.tw](mailto:zylin@astro.ncu.edu.tw))

\*R06 - Triton Occultation 2022 at Lulin

PI: Tsai, An-Li ([altsai@astro.ncu.edu.tw](mailto:altsai@astro.ncu.edu.tw))

\*R07 - Optical follow-up of AR Sco-type objects

PI: Albert Kong ([akong@phys.nthu.edu.tw](mailto:akong@phys.nthu.edu.tw))

R08 - Chromospheric Activity of Flaring G and K Type Eclipsing Binaries

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

R09 - Characterizing the Physical Properties of Oort-Cloud Asteroids

PI: Yu-Chi Cheng ([ycc312@g.ncu.edu.tw](mailto:ycc312@g.ncu.edu.tw))

R10 - Taxonomical Classification of Dynamically Unstable Asteroids in the Outer Main Asteroid Belt

PI: Yu-Chi Cheng ([ycc312@g.ncu.edu.tw](mailto:ycc312@g.ncu.edu.tw))

| Mon                    | Tue                    | Wed                    | Thu                        | Fri           | Sat                    | Sun                    |
|------------------------|------------------------|------------------------|----------------------------|---------------|------------------------|------------------------|
| 29                     | 30                     | 31                     | 1                          | 2             | 3                      | 4                      |
|                        |                        |                        | R09 & R10-- Imager         |               |                        |                        |
| 5                      | 6                      | 7                      | 8                          | 9             | 10                     | 11                     |
| R09 & R10-- Imager     |                        | R04 -- Imager          |                            | R02 -- Imager | Engineering/Full moon  | R01 -- Imager [filler] |
|                        |                        | R01 -- Imager [filler] | R09 -- Imager [1hr]        |               |                        | R07 -- Imager          |
| 12                     | 13                     | 14                     | 15                         | 16            | 17                     | 18                     |
| R01 -- Imager [filler] |                        | R02 -- Imager          |                            |               |                        |                        |
| R07 -- Imager          |                        |                        |                            |               |                        |                        |
| 19                     | 20                     | 21                     | 22                         | 23            | 24                     | 25                     |
| R02 -- Imager          | R04 -- Imager          |                        | R04 -- Imager [0.5 nights] |               | EDEN -- Imager         |                        |
|                        | R01 -- Imager [filler] | R09 -- Imager [1hr]    | R10 -- Imager [0.5 nights] |               | R01 -- Imager [filler] |                        |
| 26                     | 27                     | 28                     | 29                         | 30            | 1                      | 2                      |
| R01 -- Imager [filler] |                        |                        |                            |               |                        |                        |
| EDEN -- Imager         |                        |                        |                            |               | R07 -- Imager          |                        |

| Mon                    |  | Tue                    |  | Wed                  |  | Thu                        |  | Fri                    |  | Sat           |  | Sun                    |  |
|------------------------|--|------------------------|--|----------------------|--|----------------------------|--|------------------------|--|---------------|--|------------------------|--|
| 26                     |  | 27                     |  | 28                   |  | 29                         |  | 30                     |  | 1             |  | 2                      |  |
| R01 -- Imager [filler] |  |                        |  |                      |  |                            |  |                        |  | R07 -- Imager |  |                        |  |
| EDEN -- Imager         |  |                        |  |                      |  |                            |  |                        |  |               |  |                        |  |
| 3                      |  | 4                      |  | 5                    |  | 6                          |  | 7                      |  | 8             |  | 9                      |  |
| R08 -- LISA            |  |                        |  |                      |  | R04 -- Imager              |  | R02 -- Imager          |  |               |  |                        |  |
|                        |  |                        |  |                      |  | R06 -- Imager [1 hr 10]    |  | R09 -- Imager [1hr]    |  |               |  |                        |  |
| 10                     |  | 11                     |  | 12                   |  | 13                         |  | 14                     |  | 15            |  | 16                     |  |
| Engineering/Full moon  |  | R02 -- Imager          |  |                      |  | R07 -- Imager [0.5 nights] |  |                        |  |               |  |                        |  |
|                        |  |                        |  |                      |  | R10 -- Imager [0.5 nights] |  |                        |  |               |  |                        |  |
| 17                     |  | 18                     |  | 19                   |  | 20                         |  | 21                     |  | 22            |  | 23                     |  |
| R07 -- Imager [0.5]    |  | R09 -- Imager          |  |                      |  |                            |  | EDEN -- Imager         |  |               |  |                        |  |
| R10 -- Imager [0.5]    |  | R01 -- Imager [filler] |  |                      |  | R09 -- Imager [1 hr]       |  | R01 -- Imager [filler] |  |               |  |                        |  |
| 24                     |  | 25                     |  | 26                   |  | 27                         |  | 28                     |  | 29            |  | 30                     |  |
| R01 -- Imager [filler] |  |                        |  |                      |  |                            |  |                        |  | E02 -- LISA   |  | R01 -- Imager [filler] |  |
| EDEN -- Imager         |  |                        |  |                      |  |                            |  | E02 -- Imager          |  |               |  | R04 -- Imager          |  |
| 31                     |  | 1                      |  | 2                    |  | 3                          |  | 4                      |  | 5             |  | 6                      |  |
| R04 -- Imager          |  |                        |  |                      |  |                            |  | E01 -- Imager          |  |               |  | R02 -- Imager          |  |
| R01 -- Imager [filler] |  |                        |  | R09 -- Imager [1 hr] |  | R01 -- Imager [filler]     |  |                        |  |               |  |                        |  |

| Mon                        | Tue                   | Wed           | Thu                  | Fri                    | Sat                    | Sun                  |
|----------------------------|-----------------------|---------------|----------------------|------------------------|------------------------|----------------------|
| 31                         | 1                     | 2             | 3                    | 4                      | 5                      | 6                    |
| R04 -- Imager              |                       |               |                      | E01 -- Imager          |                        | R02 -- Imager        |
| R01 -- Imager [filler]     |                       |               | R09 -- Imager [1 hr] | R01 -- Imager [filler] |                        |                      |
|                            |                       |               |                      |                        |                        |                      |
| 7                          | 8                     | 9             | 10                   | 11                     | 12                     | 13                   |
| R02 -- Imager              | Engineering/Full moon | R02 -- Imager |                      |                        | R01 -- Imager [filler] |                      |
|                            |                       |               |                      |                        | R04 -- Imager          |                      |
|                            |                       |               |                      |                        |                        |                      |
| 14                         | 15                    | 16            | 17                   | 18                     | 19                     | 20                   |
| R07 -- Imager [0.5 nights] |                       |               |                      |                        | R03 -- Imager          |                      |
| R10 -- Imager [0.5 nights] |                       |               |                      |                        |                        |                      |
|                            |                       |               |                      |                        |                        |                      |
| 21                         | 22                    | 23            | 24                   | 25                     | 26                     | 27                   |
| R03 -- Imager              |                       |               |                      |                        | Election day           | EDEN -- Imager       |
|                            |                       |               |                      |                        |                        | R09 -- Imager [1 hr] |
|                            |                       |               |                      |                        |                        |                      |
| 28                         | 29                    | 30            | 1                    | 2                      | 3                      | 4                    |
| EDEN -- Imager             |                       |               |                      |                        |                        | R08 -- LISA          |
| R01 -- Imager [filler]     |                       |               |                      |                        |                        |                      |
|                            |                       |               |                      |                        |                        |                      |

| Mon                        |  | Tue |  | Wed |  | Thu                        |  | Fri                    |  | Sat           |  | Sun |  |
|----------------------------|--|-----|--|-----|--|----------------------------|--|------------------------|--|---------------|--|-----|--|
| 28                         |  | 29  |  | 30  |  | 1                          |  | 2                      |  | 3             |  | 4   |  |
| EDEN -- Imager             |  |     |  |     |  |                            |  |                        |  | R08 -- LISA   |  |     |  |
| R01 -- Imager [filler]     |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
|                            |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
| 5                          |  | 6   |  | 7   |  | 8                          |  | 9                      |  | 10            |  | 11  |  |
| R08 -- LISA                |  |     |  |     |  |                            |  | Engineering/Full moon  |  | R02 -- Imager |  |     |  |
|                            |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
| 12                         |  | 13  |  | 14  |  | 15                         |  | 16                     |  | 17            |  | 18  |  |
| R02 -- Imager              |  |     |  |     |  | R04 -- Imager [0.5 nights] |  |                        |  |               |  |     |  |
|                            |  |     |  |     |  | R10 -- Imager [0.5 nights] |  |                        |  |               |  |     |  |
|                            |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
| 19                         |  | 20  |  | 21  |  | 22                         |  | 23                     |  | 24            |  | 25  |  |
| R04 -- Imager [0.5 nights] |  |     |  |     |  | R04 -- Imager              |  |                        |  |               |  |     |  |
| R10 -- Imager [0.5 nights] |  |     |  |     |  | R09 -- Imager [1 hr]       |  | R01 -- Imager [filler] |  |               |  |     |  |
|                            |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
| 26                         |  | 27  |  | 28  |  | 29                         |  | 30                     |  | 31            |  | 1   |  |
| R01 -- Imager [filler]     |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
| EDEN -- Imager             |  |     |  |     |  |                            |  |                        |  |               |  |     |  |
|                            |  |     |  |     |  |                            |  |                        |  |               |  |     |  |