

# **Summer School 2023 in Radio Astronomy and Technology with the 40m Thai National Radio Telescope (TNRT)**

**Wednesday 31 May 2023 - Friday 02 June 2023**

## **Programme**

## Programme

(day1) 30 May 2023 arrive at Chaing Mai Thailand and take the rest at the Ibis Chiangmai Nimman Journeyhab

(day2) 31 May 2023

08:00 am - 08:30 am registration session

08:30 am - 09:00 am opening remark

09:00 am - 10:00 am Introduction to astronomy & radio astronomy (KA) Q&A

10:00 am - 10:15 am break

10:15 am - 11:15 am Radio Fundamental: radiation astrophysics (RKY) Q&A

11:15 am - 12:15 pm Radio Telescopes and Instrumentation (KS) Q&A

12:15 pm - 01:15 pm lunch

01:15 pm - 02:15 pm VLBI (KS) Q&A

02:15 pm - 03:00 pm Star formation process & astrochemistry (TH) Q&A

03:00 pm - 03:15 pm break

03:15 pm - 04:15 pm Basic of the cosmic maser, mega-maser & application (MG) Q&A

04:15 pm - 05:10 pm Radio astronomy & Receiver technology (KB) Q&A

05:10 pm - 05:15 pm LOC/SOC announcement

(day3) 1 June 2023

09:00 am - 10:15 am Pulsar & Fast Radio Burst (SS) Q&A

10:15 am - 11:15 am Evolved star & its application (SE) Q&A

11:15 am - 11:30 am break

11:30 am - 12:30 pm Geodetic, astrometry & parallax (NS) Q&A

12:30 pm - 01:30 pm lunch

01:30 pm - 05:00 pm Radio astronomy hands-on/activity (work in a group/one by one)

03:45 pm - 04:00 pm break

05:10 pm LOC/SOC announcement

(day4) 2 June 2023

08:00 am Ready in front of Ibis Nimman hotel

08:30 am - 11:30 pm excursion to the TNRO

11:30 am - 01:30 pm Go back to the city & lunch

01:30 pm - 02:15 pm Current status of the 40m TNRT (KS) Q&A

02:15 pm - 03:00 pm Possible science projects for the 40m TNRT (all speakers)

03:00 pm - 04:30 pm Timeline for doing the science projects+discuss with students

04:30 pm - 05:00 pm Summary and closing remarks (answer questionnaires)

06:30 pm - 09:00 pm Farewell dinner

(day5) 3 June 2023

students need to check out from the Ibis hotel and travel back to their homeplaces

Notes: KA=Kitiyane Asanok, KS:Koichiro Sugiyama, MG:Malcolm Gray, RKY:Ram Kesh Yadav, NS: Nobuyuki Sakai, SS: Siraprapa Sanpa-arsa, KB: Kamorn Bandudej, TH: Tomoya Hirota, SE: Sandra Etoke

