

THAI SPACE PHYSICS 2021



Presentation of Preliminary Results from
a Research Team Award (TRF Senior Research Scholar Award)

Friday, August 27, 2021, 8.30-16.30

All are invited to join the Zoom meeting:

Meeting ID: **864 9731 8108**

Passcode: **20210827**

OPENING

08.30 Registration, informal chatting

09.00 Opening remarks: Prof. Dr. David Ruffolo,
Mahidol Univ., Project Head

09.15 Highlight speaker: Dr. Pakorn Wongwaitayakornkul,
Univ. California San Diego, USA
“Studying Arched Magnetically-Twisted Plasma in the Laboratory”

SPACE PLASMA PHYSICS AND MAGNETIC RECONNECTION

09.45 Invited speaker: Dr. Tulası Parashar,
Victoria Univ. of Wellington, New Zealand
10.00 Dr. Peera Pongkitiwanichakul, Kasetsart Univ.
10.10 Panisara Thepthong, Kasetsart Univ.

10.20 Coffee Break

10.35 Chutima Yannawa, Kasetsart Univ.
10.45 Dr. Theerasarn Pianpanit, Kasetsart Univ.
10.55 Dr. Kittipat Malakit, Thammasat Univ.
11.05 Piyawat Suetrong, Kasetsart Univ.

AURORAL PHYSICS

11.15 Asst. Prof. Dr. Suwicha Wannawichian and
the Auroral Research Team, Chiang Mai Univ.

CHARGED PARTICLE TRANSPORT IN TURBULENT PLASMAS

11.45 Dr. Piyanate Chuychai, Chiang Rai
12.00 Dr. Wirin Sonsrettee, Panyapiwat Inst. of Man.

12.15 Lunch

COSMIC RAYS STUDIED USING GROUND-BASED NEUTRON DETECTORS, GAMMA-RAY DETECTORS, AND A THAI PROTOTYPE SPACE-BASED DETECTOR

13.00 Asst. Prof. Dr. Waraporn Nuntiyakul, Chiang Mai Univ.
& Dr. Achara Seripienlert, NARIT
13.30 Dr. Petchara Pattarakijwanich, Mahidol Univ.
13.45 Prof. Dr. David Ruffolo, Mahidol Univ.
14.00 Asst. Prof. Dr. Warit Mitthumsiri, Mahidol Univ.
14.20 Hannarong Janthaloet, Mahidol Univ.

14.30 Coffee Break

14.45 Pradiphat Muangha, Mahidol Univ.
14.55 Dr. Alejandro Sáiz, Mahidol Univ.
15.10 Dr. Kullapha Chaiwongkhot, Mahidol Univ.

DISCUSSION & CLOSING

15.30 General discussion

Image credit:
<https://helioviewer.org>
https://commons.wikimedia.org/wiki/File:Parker_Solar_Probe_spacecraft_model_2.png