

Opening Remarks:

**The Second ThaisCube workshop,
organized by the National Astronomical Research Institute (Public Organization) in
collaboration with Chiang Mai University
8th to 11th August 2023 at the Ibis Styles Chiang Mai Hotel.**

Good morning, everyone, and welcome to this exciting event! Before we begin, let's take a moment to appreciate all the hard work that has gone into making this workshop possible.

The collaboration between the Wisconsin IceCube Particle Astrophysics Center (WIPAC pronounce Wee-Pack) in the USA and Chiang Mai University in Thailand has taken an exciting turn. It started with a two-month summer student program, graciously hosted by Her Royal Highness Princess Maha Chakri Sirindhorn in 2022. Scientists from WIPAC [WeePack] engaged in discussions with Thai researchers supported by a PMU-B grant to enhance research opportunities for Thai researchers and students with the IceCube Neutrino Observatory. In September 2021, Chiang Mai University officially became an associate member of IceCube, with Asst. Prof. Dr. Waraporn Nuntiyakul serving as the institutional lead. This eventually led to the birth of the international ThaisCube workshop.

The IceCube collaboration spans 58 institutions across 14 countries worldwide. The University of Delaware is one of the full members of IceCube. Today, we are incredibly fortunate to have expert speakers from both WIPAC [Wee-Pack] and the University of Delaware. Additionally, we have a team of highly experienced speakers, well-versed in particle physics, from various institutions in Thailand.

I encourage everyone to participate actively in the discussions, share ideas, and connect with others. Let's cherish this opportunity to learn from each other and expand our understanding. I'm grateful to all the speakers, organizers, and attendees who made this workshop possible. My wish is for all students to explore the marvels of cosmic rays, neutrinos, and gamma rays and discover their own path. Chiang Mai University is a great place and we are happy to see you here. Thank you once more, and let's now enjoy the workshop, which begins now!