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Chiang Mai University's Role in Advancing Polar Science

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Chiang Mai University (CMU) has contributed significantly to polar research through three core domains: scientific research, engineering and data infrastructure, and education and outreach. These efforts have resulted in the development of an integrated operations hub—or “war room”—which supports real-time data handling and coordination across multiple research programs, including but not limited to polar missions. CMU’s contributions include high-energy astrophysics studies, support for field deployments, and long-term partnerships with international collaborators. This talk also outlines Thailand’s future role in the SCAR Astronomy & Astrophysics from Antarctica (AAA) initiative, emphasizing strategic investment in workforce development and national readiness in polar science.

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