

**Programs**  
**The 8th Workshop of SCAR AAA 2025**  
**Date: 16–19 September 2025**  
**at Dusit Thani Laguna Phuket Hotel, Phuket, Thailand**

Time	Programs
<b>Tuesday, 16 September 2025</b>	
<b>08.30 – 09.00</b>	<b>Registration</b>
<b>09.00 – 09.10</b>	<b>Welcome Remarks and Report</b> on the Organization of the 8th SCAR AAA Workshop  <b>Asst. Prof. Dr. Siramas Komonjinda</b> Chair of the Local Organizing Committee
<b>09.10 – 09.20</b>	<b>Remarks by</b>  <b>Assoc. Prof. Dr. Duangmanee Wongratanaphisan</b> Director of the Center of Excellence in Physics
<b>09.20 – 09.30</b>	<b>Remarks by</b>  <b>Dr.Jitti Mungkalasiri</b> Deputy Director of Program Management Unit for Human Resources & Institutional Development, Research, and Innovation (PMU-B)
<b>09.30 – 09.35</b>	<b>Welcome Address</b>  <b>Assoc. Prof. Dr.Piyapong Niamsup</b> Dean of the Faculty of Science at Chiang Mai University
<b>09.35 – 09.45</b>	<b>Opening Address</b>  <b>Prof. Dr. Adriana Gulisano</b> Chair of the Expert Group on Astronomy and Astrophysics from Antarctica, Scientific Committee on Antarctic Research (SCAR)
<b>09.45 – 10.20</b>	<b>Special Talk: Scientific Research in Polar Regions under the Royal Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn”</b>  <b>Prof. Dr. Pairash Thajchayapong</b> Secretary General, The Information Technology Foundation under the Initiative of Her Royal Highness Princess Maha Chakri Sirindhorn  <b>and Prof. Dr. Suchana Chavanich</b> Chulalongkorn University
<b>10.20 – 10.40</b>	<b>Coffee Break and Group Photo</b>
	<b>Chair: Asst. Prof. Dr. Siramas Komonjinda</b> <b>Co-Chair: Prof. Dr. Tony Travouillon</b>
<b>10.40 – 11.00</b>	<b>“Chiang Mai University’s Role in Advancing Polar Science”</b> by  NUNTIYAKUL, Waraporn (Chiang Mai University)
<b>11.00 – 11.20</b>	<b>“Work and Recent Developments of AASWO (Argentinean Antarctic Space Weather Observatory)”</b> by  GULISANO, Adriana Maria (IAA/DNA, IAFE(CONICET-UBA), UBA FCEyN DF)

<b>11.20 – 11.40</b>	<b>“Activities on Antarctic Astronomy in Japan”</b> by KUNO, Nario (University of Tsukuba)
<b>11.40 – 12.00</b>	<b>“NIAOT update on Antarctic telescope projects”</b> by LI, Xiaoyan (Nanjing Institute of Astronomical Optics & Technology ,National Astronomical Observatories ,CAS)
<b>12.00 – 13.20</b>	<b>Lunch Break</b>
	<b>Chair: Prof. Dr. Adriana Gulisano</b> <b>Co-Chair: Assoc. Prof. Dr. Waraporn Nuntiyakul</b>
<b>13.20 – 13.40</b>	<b>“Introduction of the Latest 41th CHINARE Astronomical Tasks”</b> by CHEN, Chao (Nanjing Institute of Astronomical Optics & Technology ,National Astronomical Observatories ,CAS)
<b>13.40 – 14.00</b>	<b>“Exploring High-Energy Neutrino Universe from the South Pole with IceCube”</b> by YOSHIDA, Shigeru (Chiba University)
<b>14.00 – 14.20</b>	<b>“Advancing Neutrino Astrophysics with the IceCube Upgrade”</b> by ISHIHARA, Aya (Chiba University)
<b>14.20 – 14.40</b>	<b>“Developing the next generation of IceCube: IceCube-Gen2”</b> by O’DELL, Vivian (University of Wisconsin–Madison)
<b>14.40 – 15.00</b>	<b>Coffee Break</b>
<b>15.00 – 16.30</b>	<b>Panel Discussion: AAA SWOT ANALYSIS and alignment with SCAR strategic plan</b>
<b>18.00 – 20.00</b>	<b>Welcome Dinner</b>

<b>Wednesday, 17 September 2025</b>	
	<b>Chair: Assist. Prof. Dr. Suwicha Wannawichian</b> <b>Co-Chair: Prof. Dr. Kuno Nario</b>
<b>09.00 – 09.20</b>	<b>“Neutron Monitor Response Functions from the 2023–24 Latitude Survey aboard the Araon Icebreaker”</b> by SERIPIENLERT, Achara (Chiang Mai University)
<b>09.20 – 09.40</b>	<b>“Measure the vertical turbulence profile at Dome A with KLTP”</b> by SHANG, Zhaohui (National Astronomical Observatories, CAS)
<b>09.40 – 10.00</b>	<b>“Astrometry and Photometry for Images of All-sky Cameras with KLCAM”</b> by YANG, Xu (National Astronomical Observatories, Chinese Academy of Sciences)
<b>10.00 – 10.20</b>	<b>“The 1.4 <math>\mu\text{m}</math> water-vapor-absorption band imaging from Dome A”</b> by MA, Bin (Sun Yat-sen University)
<b>10.20 – 10.40</b>	<b>Coffee Break</b>
	<b>Chair: Assist. Prof. Dr. Chana Sinsabvarodom</b> <b>Co-Chair: Prof. Dr. Zhaohui Shang</b>
<b>10.40 – 11.00</b>	<b>“Cryoscope Pathfinder: cold telescope for the cold continent”</b> by TINYANONT, Samaporn (National Astronomical Research Institute of Thailand)

<b>11.00 – 11.20</b>	<b>“Cryoscope: the Antarctic infrared surveyor”</b> by TRAVOUILLO, Tony (The Australian National University)
<b>11.20 – 11.40</b>	<b>“First Onsite Activities at Dome Fuji II for 30-cm Sub-millimeter Telescope Installation”</b> by HONDA, Shunsuke (University of Tsukuba)
<b>11.40 – 12.00</b>	<b>“Probing the Origins of the Universe from the South Pole: An Overview of the BICEP Experiment”</b> by HUI, Howard (Caltech)
<b>12.00 – 13.20</b>	<b>Lunch Break</b>
	<b>Chair: Dr. Achara Seripienlert</b> <b>Co-Chair: Prof. Dr. Silvia Masi</b>
<b>13.20 – 13.40</b>	<b>“COSMO: Beyond the black-body Cosmic Microwave Background, towards the detection of spectral distortions”</b> by CAPPONI, Alessandro (Università Ca’ Foscari Venezia, Venice, Italy)
<b>13.40 – 14.00</b>	<b>“Kinematics of Coronal Mass Ejections: Leveraging Antarctic Observational Platforms for Enhanced Space Weather Monitoring” (online)</b> by JAKATE, Neelisha (Swami Ramanand Teerth Marathwada University, Nanded)
<b>14.00 – 14.20</b>	<b>“Optimization Design of the telescope tower structure for weak snow foundation in Dome A, Antarctica”</b> by WEN, Haikun (Nanjing Institute of Astronomical Optics & Technology ,National Astronomical Observatories, CAS)
<b>14.20 – 14.40</b>	<b>“Investigating Ice Drilling Performance in the Firn Layer at the South Pole”</b> by SINSABVARODOM, Chana (Chiang Mai University)
<b>14.40 – 15.00</b>	<b>“The Antarctic Geospace and ATmosphere research (AGATA SCAR Scientific Research Programme) and their links with the Astronomy community”</b> by GULISANO, Adriana Maria (IAA/DNA, IAFE(CONICET-UBA), UBA FCEyN DF)
<b>15.00 – 15.15</b>	<b>Coffee Break</b>
<b>15.15 – 16.30</b>	<b>Brainstorm &amp; Discussion for the next OSC in Oslo and possible venues for the AAA Workshop 2027</b>

<b>Thursday, 18 September 2025</b>	
<b>09.00 – 11.30</b>	<b>Topic Discussion: AAA involvement in IPY 2033</b>
<b>11.30 – 12.30</b>	<b>Lunch Break</b>
<b>12.30 – 16.30</b>	<b>Business Meeting: Recap of next steps and consensus reached</b>

<b>Friday, 19 September 2025</b>	
<b>08.30 – 12.30</b>	<b>Excursion</b>