

Program — SEA-SPARC 2026

Southeast Asia Single-Point Diamond Turning & Reflective-Optics Capability Workshop

15 – 18 September 2026 (15 – 18 กันยายน 2569)

Kantary Hills Hotel, Chiang Mai, and the Princess Sirindhorn AstroPark,
Chiang Mai Province

Time	Session	Speaker
Day 1 — Tuesday 15 September 2026 · Kantary Hills Hotel		
08:30 – 09:00	Registration	
09:00 – 09:15	Opening address	Apichat Leckngam
09:15 – 09:45	SEAL Lab — introduction and overview	Krittapas Chanchaiworawit
09:45 – 10:15	HPM — introduction and overview	Samattachai Tanun
10:15 – 10:45	Coffee break	
10:45 – 11:15	NARIT Coating Facility and CTA collaboration	Vasu Kengkriangkrai
11:15 – 11:45	Center for Optics and Photonics — overall projects overview	Chantira Boonsri
11:45 – 12:00	Group photo	
12:00 – 13:00	Lunch	
13:00 – 13:30	Dual-beam Automatic Rapid Transient Spectrograph project	Samaporn Tinyanont
13:30 – 14:00	Multimode fiber taper characterization for the EXOhSPEC fiber-fed spectrograph	Piyamas Choochalerm
14:00 – 14:30	Telescope projects at NARIT's Division of Mechatronics	Pakawat Prasit
14:30 – 15:00	Coffee break	
15:00 – 15:30	Example of an internal project service of SEAL Lab	Tarathon Intaros
15:30 – 16:00	Quality of SPDT surfaces on an additive-manufactured mirror for CubeSat	Picha Ruenarrom
16:00 – 16:30	Nepal's astronomy facilities and outlook for SPDT technology	Abhishek Kumar Sah
Day 2 — Wednesday 16 September 2026 · Kantary Hills Hotel		
09:30 – 10:00	Precitech machines — overview	Harrison Lee
10:00 – 10:30	Coffee break	
10:30 – 12:00	History, process and applications of SPDT (including two 15-minute videos by Jeff Roblee)	Neil Naples

Time	Session	Speaker
12:00 – 13:15	Lunch	
13:15 – 14:30	Introduction to DiffSys 2D / 3D	Yuan-Chieh (Jay) Cheng
14:30 – 15:00	Coffee break	
15:00 – 16:30	Further applications and DiffSys demonstration (any slides remaining from the morning session are completed first)	Neil Naples Yuan-Chieh (Jay) Cheng
18:00	Conference dinner at the hotel	
Day 3 – Thursday 17 September 2026 · Princess Sirindhorn AstroPark (Groups A and B alternate)		
09:00 – 09:30	Transfer from the hotel to the AstroPark	
09:30 – 12:30	Group A — facility tours: Optics, Radio, TSC, COOE Group B — SPDT demonstration, SEAL Lab clean room (ISO Class 7)	Teerawat Kuha Neil Naples Yuan-Chieh (Jay) Cheng with Picha Ruenarrom and Tarathon Intaros
12:30 – 13:30	Lunch (both groups)	
13:30 – 16:30	Group A — SPDT demonstration, SEAL Lab clean room (ISO Class 7) Group B — facility tours: Optics, Radio, TSC, COOE	Teerawat Kuha Neil Naples Yuan-Chieh (Jay) Cheng with Picha Ruenarrom and Tarathon Intaros
16:30	Return to the hotel	
Day 4 – Friday 18 September 2026 · Excursion		
09:00	Depart the hotel for TNRO by van	
10:00 – 11:30	Guided tour of TNRO	
11:30 – 13:00	Lunch en route	
13:00	Depart for Bua Tong Sticky Waterfall	
14:00 – 16:00	Bua Tong Sticky Waterfall	
16:00	Return to Kantary Hills Hotel	
17:00	End of workshop	

Note: Coffee breaks and lunch may shift slightly to suit the flow of the sessions. The SPDT machine is used for demonstration only; participants are divided into small groups. The program is subject to change as appropriate.