

The Quantum Convergence: Launching Thailand's 1st IBM Quantum Network Hub at CMU in collaboration with NUS (National University of Singapore)

Date: Wednesday, 29 April 2026


Venue: **[Main Hall]** Meeting Room PB1-230, PB1 Building, Department of Physics and Materials Science, Faculty of Science, Chiang Mai University
[Qiskit Workshop] Co-working space, PB1 Building, Department of Physics and Materials Science, Faculty of Science, Chiang Mai University

Target Audiences: CMU Internal, University Research Network, and Industry Partners

Number of prospect audiences: Total around 100 pp

CMU quantum group: 20pp	Tier2: 20-30pp	Tier3: 20-30pp
Tier 1 — Pure Quantum Researchers Physics, CS, Chemistry/Materials, Applied Math (Python skills + quantum mechanics background)	Tier 2 — HPC / Research Practitioners Data scientists, HPC engineers, R&D engineers (pharma, materials, optimization)	Tier 3 — New to Quantum Graduate students, early-career researchers (physics, CS, engineering)

Time	Dur.	Topic	Details	Presented by
09:00 – 12:00	 Registration			
09:00 – 12:00	Qiskit Workshop			<i>Tier 1, Tier 2</i>
	180 min	Qiskit hands-on workshop, basic to advanced	<i>Open-source Python framework for designing, simulating, and running quantum circuits. 45 min theory, 135 min hands-on use case (Requires: Python skills, basic quantum information & algorithm knowledge, laptop)</i>	IBM Instructor Dr. Jan Rainer Lahmann - IBM Distinguished Engineer, World-wide IBM Quantum Ambassador Lead
11:00 – 11:15	 Coffee Break			
12:00 – 13:00	 Lunch Break			
13:00 – 13:45	Opening Ceremony Session			<i>Tier 1, 2, 3</i>
	10 min	Opening & Remark	Moderator / MC	
	5 min	Speech by CMU	Prof. Pongruk Sribanditmongkol, M.D., Ph.D. President of Chiang Mai University	
	5 min	Speech by NUS	Mr. George Loh Associate Vice President (Strategic Partnership), National University of Singapore	
	5 min	Speech by IBM	Mr. Anothai Wettayakorn, Managing Director and Technology Leader, IBM Thailand	
	10 min	Quantum Network Contract Signing Ceremony	<i>Photo opportunity — CMU × NUS × IBM</i>	All
			<i>Photo opportunity — CMU × NUS</i>	CMU × NUS
			<i>Photo opportunity — CMU × IBM</i>	CMU × IBM
	10 min	Group Photo	<i>With committee and supporting team</i>	All

Time	Dur.	Topic	Details	Presented by
13:45 – 16.00	CMU Centre of Excellence for Quantum and IBM Quantum Network			Tier 1, 2, 3
	15 min	The CoE Blueprint for Quantum at CMU	<i>The CoE's role in translating quantum theory into industrial impact (Economics, Medicine, Physical Sciences, etc.)</i>	TBC
	10 min	1) A Collaborative Innovation: The Tripartite MOU	<i>Story of the NUS × CMU × IBM collaboration; emphasizing global-to-local knowledge transfer.</i>	CMU × NUS
	15 min	2) Regional Synergy: Quantum in ASEAN	<i>How the Quantum Information Centre (QIC) drives regional competitiveness and cross-border research.</i>	NUS
	20 min	3) Intro: The Quantum Leap & The IBM Quantum Network	<i>Keynote on the strategic importance of CMU as the first hub in Thailand; high-level vision for the ecosystem.</i>	Mr. Julian Tan Business Development Executive, IBM Quantum Innovation Centre
14:45 – 15:00	 Coffee Break			
15.00-16.00	60 min	4) Panel: Realizing Quantum Advantage	<p><i>Discussion on "Thailand's Path to Quantum Readiness" — three lighthouse use-case showcases:</i></p> <ul style="list-style-type: none"> • IBM: 1 selected use case (TBC) • NUS: 1 selected use case (TBC) • CMU: 1 selected use case (TBC) 	CMU × NUS × IBM

Remarks: The schedule is subjected to change as appropriate.