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Pre-Hackathon course: 16 May - 17 June, 2025

Virtual interactive course in the field of Quantum Computing, Science and Technology. Join the workshop via the Zoom link: ...

QQI CERTIFICATION COURSE	16th May 2025 - 26th May 2025			
	Time GMT	Activity	Topic/Theme	Speaker
	12:00 - 12:30	Workshop Introducing Quantum Computing	QBronze and QNickel Courses	QWorld
	26th May 2025 - 17th June 2025			
	13:00 - 15:00	Course for Introduction to Quantum Computing	QBronze and QNickel Course Certifications	QWorld

OTHER WORKSHOPS	23rd June 2025 - 27th June 2025			
	Time GMT	Activity	Topic/Theme	Speaker
	12:00 - 12:30	IBM Workshop		TBC
	13:00 - 15:00	Google AI Workshop		TBC

Arrival and Registration: 7 July, 2025

Reception Dinner: Mentors and speakers: 7 July, 2025

Quantathon: 8-10 July, 2025			
Day 1		8 July 2025	
Time	Activity	Topic/Theme	Speaker
Opening ceremony			
09:00 - 09:15	Welcome address & Agenda		Prince K Osei, Centre President, AIMS Ghana
09:15 - 09:30	Career Talk		Philipp Kammerlander, Advisor and Educator in Quantum Technologies, Open Quantum Institute (OQI)
09:30 - 09:40	Hackathon Journey	Experiences from an NYUAD participant	Yousra Farhani, Quantum Computing and Optimization Researcher, INSA Lyon
09:40 - 09:55	Sustainability Talk	UN Sustainable Development Goals (SDGs)	UNESCO Rep.
09:55 - 10:20	Scientific Talks		Jennifer Ahiabile, Abigail Annkah, David Dosu
10:20 - 10:45	Panel discussion	Meet the participants of 2024/2025 NYUAD Quantum Hackathon: Insights and Knowledge sharing, Experiences and Impact.	Aulan Zahoundo, Leila Zahhafi, Chantelle Amoako-Atta, Fred Soglohu, Alex Baudoin Nguetsa Tankeu, Priscilla Mante
10:45 - 11:30	Special Talks	Moderator: Angela Tabiri Quantum technology applications/usecases	Google Quantum Rep, IBM Quantum Rep, QWorld Rep.
11:30 - 11:45	Break		
11:45 - 12:25	Keynote Talk	Lighting the Quantum Future : Photonics as a Quantum Resource	Ian Walmsley Provost, Imperial College
Closing of the opening ceremony			
12:30 - 13:15	Lunch break		
13:15 - 14:00	Breakout into small teams	Ideation	Group lead
14:00 - 16:30	Team work	Refine ideas, create workplan and assign responsibilities	Group lead
16:30 - 17:00	Elevator Pitches	Members from each team will pitch their teams idea in 1-minute	Team Reps
17:30 - 21:00	Opening Dinner	Dinner party, entertainment/bonfire and networking	All teams, Mentors

Day 2	9 July 2025		
Time	Activity	Topic/Theme	Speaker
09:00 - 13:00	Team tasks	Create your hack deck	Teams
13:00 - 14:00	Lunch break		
14:00 - 14:30	Team picture taking	Team picture taking	
14:30 - 18:00	Team tasks	Team reviews, Revision and Finalization	Teams
17:00 - 18:00	Visit of judges to quantathon teams		
18:00 - 19:00		Dinner	
19:00 - 21:00	Team tasks	Team reviews, Revision and Finalization	Teams

Day 3	10 July 2025		
Time	Activity	Topic/Theme	Speaker
09:00 - 13:00	Team tasks	Final revisions	Teams
13:00 - 14:00		Lunch break	
14:00 - 15:30	Judges visit teams		
15:30 - 16:00	Rehearsals with Judges		
16:00 - 16:30	Final Team Preparations		
Closing ceremony			
16:30 - 16:45	Welcome Address		Prince K Osei, Centre President, AIMS Ghana
16:45 - 16:55	Keynote Address		Stéphane Decoutère, Secretary General, GESDA
16:55 - 17:15	Scientific Talk	Recent breakthroughs in Analog Quantum Computing	Trond Andersen, Google Quantum, Google
17:15 - 18:00	Keynote Panel	Leveraging Quantum Technologies and AI to Transform Industry: Opportunities, Digital Gap and Ethics	Karen Hallberg, Marcelo Terra Cunha, Maité Dupuis, Nana Ama Browne Klutse, Sandro Giuliani, Martin Gastal
18:00 - 18:15	High-Level Remarks	Moderator: Prince K. Osei	
18:15 - 19:00	Team Presentations		Minister of Education
19:00 - 19:15	Judging		
19:15 - 19:30	Announcing winning teams		
19:30 - 20:00	Group picture with everyone (on stage)		

Quantum Technology Education Workshop		
Day 1:	8 July, 2025	
Time	Agenda / Speakers	
09:00 - 12:30	Quantum Hackathon Opening	
12:30 - 13:15	Lunch	
14:00 - 14:30	Arrival & Registration at Google AI Lab	
14:30 - 15:00	Networking	
15:00 - 15:15	Welcome Messages	
15:15 - 15:25	Speakers Perry Nelson, Prince K. Osei	
15:25 - 15:45	High-Level Opening Remarks, Minister for Communications, Digital Technology and Innovation	
15:45 - 16:45	Setting the Stage Keynote Talk: Quantum Technology Education Keynote Panel: Training the Quantum Workforce - Concepts for Industry Professionals, Leaders, and Policymakers 4 Member Panel: Karen Hallberg, Ian Walmsley, Moderated by: Prince K. Osei	
Day 2:	9 July, 2025	
Time	Agenda / Speakers	
09:30 - 10:30	Panel discussion: Mapping the skills required for Quantum Science and Technology 4 Member Panel: Maité Dupuis, Marcelo Terra Cunha, Leandro Tosi, Reena Dayal Moderated by: Philipp Kammerlander	
10:30 - 11:00	Coffee Break	
11:00 - 13:00	Deep Dive - Parallel Sessions Group 1 New Master's Program in QT Group 2 Effective Teaching Concepts for understanding QT Group 3 Affordable and open-source experimental tools and teaching materials Group 4 Quantum technology as an undergraduate Minor	
13:00 - 14:00	Lunch	
14:00 - 15:30	Deep Dive - Parallel Sessions Group 1 New Master's Program in QT Group 2 Effective Teaching Concepts for understanding QT Group 3 Affordable and open-source experimental tools and teaching materials Group 4 Quantum technology as an undergraduate Minor	
17:00 - 18:00	Visit of judges to quantathon teams	
Day 3:	10 July, 2025	
Time	Agenda / Speakers	
09:30 - 11:00	Presentation of Group Reports: Group 1 New Master's Program in QT Group 2 Effective Teaching Concepts for understanding QT Group 3 Affordable and open-source experimental tools and teaching materials Group 4 Quantum technology as an undergraduate Minor	
11:00 - 12:30	Closing panel: Group Reps	
12:30 - 13:30	Lunch	

Public Lecture Schedule			
11 July, 2025			
Time	Activity	Theme/Topic	Speaker
14:00 - 15:00	Registration & Networking		
15:00 - 15:05	Promotional Video on IQ and QTedu		
15:05 - 15:10	Welcome address by Master of Ceremony		
15:10 - 15:15	Keynote speaker		Nii Narku Quaynor
15:15 - 15:25	High-Level Opening Remarks		Minister of Environment, Science, Technology and Innovation
15:25 - 16:05	Main Lecture	Our Quantum Future	Jonathan Oppenheim, Professor of Quantum Theory in the Department of Physics and Astronomy (Quantum Information Group), University College London
16:05 - 16:15	Q&A session		
16:15 - 16:25	Cultural Interlude		
16:25 - 17:00	Keynote Panel	Quantum Technologies for Advancing Global Goals for Sustainable Development	4 Member Panel: Karen Hallberg, Prince K. Osei, Jonathan Oppenheim,
17:00 - 17:10	Award presentation to Quantathon winners		
17:10 - 17:15	Concluding Notes		Prince K. Osei, Centre President, AIMS Ghana
17:15 - 17:30	Musical Performance		
17:30 - 18:30	Networking Dinner		