

Korea – US Quantum & AI Application Forum

Thursday, August 6 1:00 - 3:00pm Colonial B



Chair

Presenters



In-Saeng Suh

Oak Ridge National
Laboratory



Joongheon Kim

Korea University



Saesun Kim

Sygaldry
Technologies

This forum provides a platform to discuss current research trends and challenges in quantum and AI applications, a rapidly evolving field at the intersection of quantum computing and artificial intelligence.



Seung-Wook Baek

National Research
Foundation of Korea



Doyeol Ahn

Singularity
Quantum Inc. &
University of Seoul



Sean Oh

PsiQuantum

Time	Title and Speaker
1:00 - 1:02 pm	Opening Remarks
1:02 - 1:17 pm	National Quantum Strategy and Program Seung-Wook Baek (National Research Foundation of Korea)
1:17 - 1:32 pm	Quantum AI and Software: Current Status and Future Trends Joongheon Kim (Korea University)
1:32- 1:47 pm	Quantum Computing and Computational Fluid Dynamics for Precision Medicine Doyeol (David) Ahn (Singularity Quantum, University of Seoul)
1:47 - 2:02 pm	AI-driven Distributed QAOA for Materials Science In-saeng Suh (Oak Ridge National Laboratory)
2:02 - 2:17 pm	Fault-Tolerant Quantum Computing for Commercial Impact Sean Oh (PsiQuantum)
2:17 - 2:32 pm	Quantum and AI: Asking the Right Question Saesun Kim (Sygaldry Technologies)
2:32 - 2:57 pm	Panel Discussion: Quantum Application Research and Korea-US Collaboration In-saeng Suh (Oak Ridge National Laboratory)
2:57 - 3:00 pm	Closing Remarks & Photo Session