

Session Program

24-28 Aug 2026

QUC Summer School on “A.I. in High Energy Physics,” Part II, Recent Development in AI

Morning

KIAS, Building #1, 1503

Monday 24 August

09:30

Morning

Session | **Location:** KIAS, Building #1, 1503

09:30–10:30

Quantum Machine Learning for Fundamental Physics

Speaker

Dr Michael Spannowsky

10:30–11:30

Agentic AI for Theoretical Physics: From Research Questions to Verifiable Results

Speaker

Dr Sven Krippendorf

11:30–11:40

Coffee-break

11:40–12:40

Artificial Intelligence for High-Energy Physics

Speaker

Dr Jack Araz

12:40

Tuesday 25 August

09:30

Morning

Session | **Location:** KIAS, Building #1, 1503

09:30–10:30

Quantum Machine Learning for Fundamental Physics

Speaker

Dr Michael Spannowsky

10:30–11:30

Agentic AI for Theoretical Physics: From Research Questions to Verifiable Results

Speaker

Dr Sven Krippendorf

11:30–11:40

Coffee-break

11:40–12:40

Artificial Intelligence for High-Energy Physics

Speaker

Dr Jack Araz

12:40

Wednesday 26 August

09:30

12:40

Morning Session Location: KIAS, Building #1, 1503	
09:30-10:30	Quantum Machine Learning for Fundamental Physics
10:30-11:30	Agentic AI for Theoretical Physics: From Research Questions to Verifiable Results
11:30-11:40	Break-Coffee
11:40-12:40	Artificial Intelligence for High-Energy Physics

Thursday 27 August

09:30

Morning

Session | **Location:** KIAS, Building #1, 1503

09:30–10:30 **Quantum Machine Learning for Fundamental Physics**

10:30–11:30

Agentic AI for Theoretical Physics: From Research Questions to Verifiable Results

11:30–11:40 **Break-Coffee**

11:40–12:40 **Artificial Intelligence for High-Energy Physics**

12:40

Friday 28 August

09:30

12:00

Morning

Session | Location: KIAS, Building #1, 1503

09:30-10:30

Student presentation

10:30-11:00

Coffee

11:00-12:00

Student presentation