Programming IBM Quantum Systems with Qiskit

December 19th-21st, 2022
Someplace at Yonsei

Day 1 (Introductory, KOR)

- Background & circuit construction

- Circuit compilation and execution

- Noise characteristics and impact

- Parameterized circuits

Day 2 (Intermediate, KOR/ENG)

- Variational algorithms

- Build your own VQE

- Optimization with noise

- Mitigating readout errors

Day 3 (Advanced, ENG)

- Circuit timing information

- Dynamical decoupling

- Dynamic circuits

- Qiskit Runtime

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