

PROGRAM

Workshop title: “Applications explored on H-series Quantum Hardware”

Date: Tuesday September 17, 2024

Time: 10:00 – 16:30

Organizers: **Nathan Fitzpatrick** (chair), Enrico Rinaldi, Michael Foss-Feig

Session 1: Many-body physics (10:00-11:30)

- Drew Potter (University of British Columbia) [[paper](#)]
- Henry Liu (JPMorgan Chase & Co.) [[paper](#)]
- David Stephen (CU Boulder) [[paper](#)]

Session 2: High-energy physics (13:00-14:30)

- Rolland Farrell (University of Washington) [[paper](#)]
- Cung-Chun Hsieh (University of Maryland) [[paper](#)]
- Ivan Chernyshev (University of Washington) [[paper](#)]

Session 3: Quantum Chemistry (15:00-16:00)

- Philipp Seitz (TUM) [[paper](#)]
- David Muñoz Ramo (Quantinuum)

Discussion/Outlook (16:00-16:30)

- Chaired by Nathan Fitzpatrick