Session Program

Aug 16 – 20, 2021

TRIUMF Science Week 2021

Science Technology Session

Zoom

Tue, August 17

10:30 AM

Science Technology Session

Session | **Location:** Zoom | **Convener:** Beatrice Franke

10:30 – 11:00 AM **Realizing The Vision: Science Technology**

Speaker
Dr Marcel Demarteau

11:00 – 11:15 AM **ITK + Future Detector R&D**

Speaker
Dr Luise Poley

11:15 – 11:18 AM **Particle Identification at NA62**

Speaker
Bob Velghe

11:18 – 11:21 AM **Pion classification and calibration at ATLAS**

Speaker
Dilia María Portillo Quintero

11:21 – 11:24 AM **AI beam tuning**

Speaker
David Wang

11:24 – 11:27 AM

Quantum Computing for Nuclear Physics: Improving Hamiltonian Encodings with the Gray Code

Speaker
Peter Gysbers

11:27 – 11:30 AM **Calorimeter Simulation using quantum annealers**

Speaker
Eric Drechsler

11:30 AM