

**ACOT Poster Session -
November 2021**



Report of Contributions

Contribution ID: 23

Type: **not specified**

β -SRF - β eta-NMR beam line extension for SRF Studies Commissioning and First Results

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: THOENG, Edward (TRIUMF)

Session Classification: ACOT Poster Session - Accelerator and ARIEL

Contribution ID: 24

Type: **not specified**

A Prototype Compact Accelerator-based Neutron Source (CANS) for Canada

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: ABBASLOU, Mina (TRIUMF)

Session Classification: ACOT Poster Session - Accelerator and ARIEL

Contribution ID: 25

Type: **not specified**

Reducing Emittance Growth from Resonance Passage in the 500MeV Cyclotron

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: ZHANG, Lige (TRIUMF)

Session Classification: ACOT Poster Session - Accelerator and ARIEL

Contribution ID: 26

Type: **not specified**

Parasitic Material Irradiation Studies for Accelerator Facilities in ISAC

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: BOIX PAMIES, Ferran (TRIUMF)

Session Classification: ACOT Poster Session - Accelerator and ARIEL

Contribution ID: 27

Type: **not specified**

β -detected Nuclear Magnetic Resonance (β -NMR) Spectroscopy at TRIUMF

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: KARNER, Victoria (UBC)

Session Classification: ACOT Poster Session - Life Sciences

Contribution ID: 28

Type: **not specified**

Evaluation of the Effect of Macrocyclic Ring Size on Pb(II) Selectivity and Complex Stability in Pyridal Containing Chelators

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: MCNEIL, Brooke (TRIUMF)

Session Classification: ACOT Poster Session - Life Sciences

Contribution ID: 29

Type: **not specified**

Investigating the Magnetic Properties of the High-Performance Thermoelectric MnTe

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenters: FRANDSEN, Benjamin (Columbia University); ZAUGG, Christiana; ZAPPALA, Emma

Session Classification: ACOT Poster Session - Molecular and Materials Science

Contribution ID: 30

Type: **not specified**

Characterization of Superconductivity in the Antimonide CaSb₂ using μ SR

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: OUDAH, Mohamed (UBC)

Session Classification: ACOT Poster Session - Molecular and Materials Science

Contribution ID: **31**

Type: **not specified**

Electromagnetic Transition Rate Studies in ^{28}Mg

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: MARTIN, Matthew (SFU)

Session Classification: ACOT Poster Session - Nuclear Physics

Contribution ID: 32

Type: **not specified**

Mass measurements of neutron-deficient Yb isotopes and their impact on tracing the two-proton dripline

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: LYKIARDOPOULOU, Marilena (TRIUMF)

Session Classification: ACOT Poster Session - Nuclear Physics

Contribution ID: 33

Type: **not specified**

Improving the TITAN EBIT: Second generation electron gun

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: CARDONA, Jaime (TRIUMF)

Session Classification: ACOT Poster Session - Nuclear Physics

Contribution ID: 34

Type: **not specified**

First Radiative α -capture on ${}^7\text{Be}$ using DRAGON for neutrino-driven wind nucleosynthesis

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: PSALTIS, Thanassis (Technische Universität Darmstadt)

Session Classification: ACOT Poster Session - Nuclear Physics

Contribution ID: 36

Type: **not specified**

Searching for di-Higgs Production in the 4 b-jet Channel using the ATLAS Detector at the LHC

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: GUBBELS, Chris (TRIUMF)

Session Classification: ACOT Poster Session - Particle Physics + Science Technology

Contribution ID: 37

Type: **not specified**

NSW Upgrade of the ATLAS Detector

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenters: MCCRACKEN, Callum (TRIUMF); SHEPPARD, Damian (TRIUMF)

Session Classification: ACOT Poster Session - Particle Physics + Science Technology

Contribution ID: **38**

Type: **not specified**

ATLAS NSW sTGC Quadruplet Test Beam Characterization

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: BROWN, Leesa (TRIUMF)

Session Classification: ACOT Poster Session - Particle Physics + Science Technology

Contribution ID: 39

Type: **not specified**

Water Cherenkov Detector Development for the Hyper-K project

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: AKUTSU, Ryosuke (University of Tokyo, ICRR)

Session Classification: ACOT Poster Session - Particle Physics + Science Technology

Contribution ID: 40

Type: **not specified**

SuperCDMS Detector Testing at CUTE

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: FASCIONE, Eleanor (TRIUMF)

Session Classification: ACOT Poster Session - Particle Physics + Science Technology

Contribution ID: 41

Type: **not specified**

Machine Learning for Hyper-Kamiokande's Water-Cherenkov Detectors

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: PROUSE, Nick (TRIUMF)

Session Classification: ACOT Poster Session - Scientific Computing

Contribution ID: 42

Type: **not specified**

Accelerator Tuning With Deep Reinforcement Learning

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: WANG, David (TRIUMF)

Session Classification: ACOT Poster Session - Scientific Computing

Contribution ID: 43

Type: **not specified**

Calculations of p + 7Li Capture Reactions

Friday, 19 November 2021 10:45 (45 minutes)

Summary

Presenter: GYSBERS, Peter (TRIUMF / UBC)

Session Classification: ACOT Poster Session - Theory

Contribution ID: 44

Type: **not specified**

Ab-initio WIMP-Nucleus Scattering

Friday, 19 November 2021 10:45 (45 minutes)

Presenter: BRUNEAULT, Mathieu (TRIUMF)

Session Classification: ACOT Poster Session - Theory