

New Scientific Opportunities with the TRIUMF ARIEL e-linac



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ARIEL experiments and theory

Wednesday, May 25, 2022 9:30 AM (30 minutes)

I will present an overview of experiments at TRIUMF ARIEL and ISAC facilities covering both the current and the future envisioned programs. I will also briefly review theory program at TRIUMF that relates to the ARIEL experimental program. I will highlight several recent experimental results from the nuclear astrophysics, nuclear structure, fundamental symmetries, and the sterile neutrino search. Finally, I will mention ongoing theoretical ab initio calculations of the proton capture on ${}^7\text{Li}$ related to the X17 boson observation.

Attendance

Contact Email

Scheduling Constraints

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