

New Scientific Opportunities with the TRIUMF ARIEL e-linac



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Science Program at the S-DALINAC

Friday, May 27, 2022 10:00 AM (30 minutes)

The Superconducting-Darmstadt linear accelerator (S-DALINAC) is operational at the Technische Universität Darmstadt and represents the major research instrument at its institute for nuclear physics.

Its research program focuses on precision studies of photonuclear reactions with real and virtual photons at low momentum transfers and impacts on various fields ranging from nuclear structure physics and nuclear astrophysics to support for searches beyond the standard model as well as detector and accelerator technology [1].

We present a few research examples and indicate current initiatives for future experimental opportunities.

[1] N. Pietralla, Nucl. Phys. News 28, No.2, 4 (2018).

Attendance

Contact Email

Scheduling Constraints

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