



University
of Victoria

PHYSICS AND ASTRONOMY SEMINAR (Hybrid)

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University of Victoria

“Parasitic material irradiation damage studies at ISAC”

Abstract

“The high-power driver beams of future accelerator facilities will induce higher radiation damage levels to materials. At the same time, there is a lack of experimental data due to mainly limited beam time under high power conditions. In this context, a material sample irradiation setup has been developed and commissioned at ISAC to parasitically irradiate material candidates and study the radiation-induced evolution of their mechanical properties. The design and results of the 2021 ISAC parasitic irradiation program will be presented.”

Wednesday, October 19, 2022

2:30 p.m. PDT

In Person at TRIUMF in Vancouver, BC

Online: Zoom link available on Uvic Event Calendar