



PHYSICS AND ASTRONOMY SEMINAR

Dr. Cameron Yoizin-Smith

Postdoctoral Fellow, University of Victoria

Ghostly Relics of the Ancient Universe: Ultra-faint and Ultra-diffuse Galaxies

Abstract

The recent discoveries of extremely faint galaxies, including those within our Galactic neighbourhood (the very small ultra-faint dwarves) and those apparently specific to distant clusters (the very large ultra-diffuse galaxies), have revealed not only candidates for the most dark-matter dominated galaxies, but also fossils of the mysterious early universe. In this talk, I review the latest observational studies to constrain their enigmatic properties, and complementary theoretical efforts to fit them within the standard cosmological model.

Friday, September 16, 2016

10:30 a.m.

MacLaurin Building

Room D287