



University
of Victoria

PHYSICS AND ASTRONOMY COLLOQUIUM (In Person & Online)

Jess McIver

Canada Research Chair in Gravitational Wave Astrophysics
University of British Columbia

“Revealing the Unseen Universe with Gravitational Waves”

Abstract

“In the last seven years, the field of gravitational wave astrophysics has grown from a groundbreaking first discovery to revealing new populations of stellar remnants through distant cosmic collisions and providing new tests of general relativity, cosmology, and ultra-dense matter. I'll summarize recent results from LIGO-Virgo-KAGRA and their wide-reaching implications and discuss prospects for the future of multi-messenger astrophysics with gravitational wave detectors on Earth and in space.”

Wednesday, October 18th, 2023

3:30 p.m. PST

ECS 125

Zoom link available on Uvic Event Calendar