



University  
of Victoria

# **PHYSICS AND ASTRONOMY COLLOQUIUM (In Person Only)**

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Polytechnique Montréal

“Biodegradable Organic Electronics”

## Abstract

Sustainable Organic Electronics integrate materials extracted from natural sources (biosourced) or synthesized following green chemistry principles into low-embodied energy devices designed to feature environmentally responsible end-of-life. Since biosourced materials are synthesized in living environments, they have complex chemical composition and structure, in turn bringing about physical disorder. During the seminar, we will discuss cases of study in sustainable organic electronics pertaining to melanin, indigo and chlorophylls, and from there we will propose a methodology to study the transport physics of natural electro active materials.

**Wednesday, January 29, 2025**

**3:30pm PST**

**BWC A104**