



# THE ASTRONOMY RESEARCH CENTRE

## SEMINAR

**Dr. Lisa Locke**

Millimetre Technology Group, NRC Herzberg

### **"Here be Dragons: How to Grow Cryogenic Microwave Instrumentation Engineers"**

#### Abstract

Join us for an Astro Summer Seminar\*\* this week!!

Astronomers: "We want more!"

Engineers: "Hmm... Let's see."

Born North of the 60th parallel, I grew up in the Northwest Territories, Canada, a region known for dark skies and aurorae. Spellbound by math, physics and astronomy, I started a B.Sc. degree in electrical engineering at the University of Alberta specializing in antennas and microwave components.

Thankfully, during my first year a poster of the synthesis radio telescope at Dominion Radio Astrophysical Observatory, Penticton drawn by Prof. David Routledge led me down the rabbit hole into a life-long fascination with the intersection of engineering and astronomy.

Join me for a radio astronomy instrumentation tour through the little known nooks and crannies of the instrumentation world, through Masters and PhD degrees and around fellowships and observatories.

\*\* A series of astronomy talks primarily geared towards graduate students practicing professional talks about their research, and for sharing the state-of-the-art research done at UVic and NRC-HIA

Wednesday, July 11, 2018

12:00 p.m.

David Strong Building

Room C108