



# UNDERGROUND SCIENCE CAFÉ

## Roaming Radon: A Radioactive Rascal!

**Dr. Nasim Fatemighomi**

SNOLAB

**Wednesday, April 23 - Underground**

Underground Conference Room

9am, 10am, 2pm, 3pm

*Radon may be invisible, but its impact on sensitive experiments is anything but. As a noble gas, radon freely roams through the air and even gets inside materials. It leaves behind unwelcome daughter atoms that can disrupt detectors. Let's explore how this sneaky gas causes trouble for SNOLAB experiments and how we do our best to track it down—whether it's hiding in materials, air, or ultra-pure water. We'll take a peek at the latest efforts to improve our radon-hunting tools.*

Underground Science Cafe talks are for all SNOLAB staff and users. If you're wondering if this talk is for you ... then it is absolutely and especially for you!

Share your coffee break with us and learn something amazing!

