



Contribution ID: 43

Type: **not specified**

## Weaving Indigenous Knowledge with Mainstream Science using Canada's Synchrotron

*Thursday, 25 July 2024 10:40 (45 minutes)*

The Canadian Light Source (CLS), Canada's only synchrotron, is a national facility the size of a (Canadian) football field. CLS has an education team that delivers programming for high school students and educators that connects science research and science curriculum through inquiry-based teaching and learning that includes hands-on opportunities for youth. In this presentation, Dallas Pelly, Education Coordinator- Indigenous programs, will share knowledge and tips on how to promote science inquiry in a reconciliation context. We will share insights about the Indigenous programming that has been established through the work of the CLS. We will also learn about the work that CLS is doing to change who sees themselves in science, including increasing Indigenous participation in STEM education and learning. Participants will also gain valuable insight into the many program offerings of the CLS including: Students on the Beamline, Teacher PD, seminars & workshops, and more.

### Biography:

Dallas Pelly is an Indigenous educator, community builder, and social innovator. He is a proud U of S alumnus of the ITEP program (B Ed '18). He is excited about working as an Education Coordinator- Indigenous Programs at the Canadian Light Source. Dallas is passionate about helping bridge the gap between Indigenous knowledge systems and mainstream science. In his spare time Dallas loves biking, going for long walks, and wrestling with his 3 sons, Oaklen, Emmett, and Denver. Dallas and his family currently reside on Treaty 6 territory in what is now known as Saskatoon.

**Presenter:** PELLY, Dallas (Canadian Light Source)

**Session Classification:** Indigenous Knowledge