



3D Imaging of Fossils Workshop Registration Form

Paleo 2025 Symposium

Workshop Details

Date: Sunday, March 16th, 2025

Location: Room B140, Main Building, Mount Royal University

Time: 9:00 am to 12:00 noon

Fee: \$20.00 per person (No GST charged)

Registration Deadline: March 9, 2025

Presenters: Dr. Emily Bamforth, Jackson Sweder, and Atharva Roy

Description

The use of three-dimensional (3D) imaging technology is becoming widespread in paleontology, with applications in fieldwork, collections management, research, exhibits, and outreach. Much of this technology is now accessible and easy to use, enabling anyone with a smartphone, tablet, or laptop to create 3D digital copies of their favorite fossils.

In this workshop, participants will:

1. Learn about the many uses of 3D imaging technology in paleontology.
2. Be introduced to two types of 3D imaging: photogrammetry using the MetaScan and PolyCam applications, and 3D surface scanning using a handheld light scanner.
3. See a demonstration of both technologies in real time.
4. Have an opportunity to 3D scan their own fossil.
5. Learn about editing programs to convert 3D scans into 3D printable files.

What to Bring

1. A fossil (2 cm to 10 cm in length) for 3D imaging. Fossils will also be available to scan.
2. A smartphone or tablet with MetaScan or PolyCam installed (both have free trials) for those interested in trying photogrammetry.
3. A notepad and pen for taking notes.

Signing Up

To register, email giftshop@albertapaleo.org, attend a monthly meeting, or mail your cheque to the Society's mailing address:

P.O. Box 68024 Crowfoot PO, Calgary, Alberta, T3G 3N8

Cheques should be payable to **Alberta Palaeontological Society**. Registration is limited to 20 participants, so register early!

Name:

Telephone:

Email:

Method of Payment:

Cash (in person)

Cheque (in person)

Cheque (via mail)

Interac email transfer to payee: giftshop@albertapaleo.org