

2025 Virtual AGeS Community Symposium

May 6-7, 2025

<https://cuboulder.zoom.us/j/95271867802>

Passcode: 2025AGeS



8 am-12 pm PT

9 am-1 pm MT

10 am-2 pm CT

11 am-3 pm ET

Overview: The virtual AGeS community symposium is intended to strengthen the geochronology community and its networks and will provide opportunities for senior scientists, early career scientists, and graduate students to engage and interact. The 2025 symposium consists of two sessions with invited talks and AGeS project presentations, as well as breakout sessions to enable conversation about current challenges in the geochronology community.

Day 1. Tuesday May 6, 2025. Spring AGeS-Grad Cohort Meeting - AGeS-Grad 2024 awardees only.

Day 2. Wednesday May 7, 2025 (all times are PT)

Session 1: AGeS Updates and Geochronology Community Activities

Moderator: Emily Cooperdock (Brown University)

8:00-8:15: Welcome, Goals, and Overview - *Becky Flowers (CU-Boulder) and Ramon Arrowsmith (ASU)*

8:15-8:30: AGeS accomplishments – *Becky Flowers (CU-Boulder)*

8:30-8:45: "Timing is Everything: Launching the Time-Integrated Matrix for Earth Sciences (TIMES) Program" - *Jenn Kasbohm (Carnegie)*

8:30-8:45: "Building belonging in geochronology through a multi-institution, cohort research experience testing the fluvial response to Rio Grande Rift evolution" - *Alyssa Abbey (Cal State Long Beach) and Alex Tye (Utah Tech)*

8:45-9:00: "Undergraduates Drill into a Caldera: Dating Yellowstone Rhyolites using the Stanford-USGS SHRIMP-RG" - *Lauren Harrison (CSU)*

Breakout Sessions

9:00-9:05: Breakout explanation - *Ramon Arrowsmith (ASU)*

9:05-10:00: Breakouts Sessions

- Breakouts 1-3: Conversation regarding impacts on the geochronology community due to the current changes in the financial support and broader impacts landscape in the U.S., with an emphasis on proactive next steps. This conversation would help AGeS decide how to move forward to support the geochronology community - for example via a contribution summarizing

these impacts, a conversation with our NSF colleagues, or other ideas that balance impact with practical implementation (Moderators: Kari Cooper (UC-Davis), Nathan Brown (UT-Arlington), Julie Fosdick (UConn).

- Breakout 4: Grad students and career paths. *Breakout moderator: Jacky Baughman (Cal Poly Humboldt). Panel consists of David Haddad (Apache Corporation), Alex Washburn (Kentucky Geological Survey), Susan Zimmerman (Lawrence Livermore National Labs)*

10-10:20 Break

Session 2: Geochronology Advances.

Moderator: Mauricio Ibanez-Mejia (UAZ)

10:20-10:45: Breakout reporting and discussion - *facilitated by Ramon Arrowsmith (ASU)*

10:45-11:10: 5x5 min lightning talks on AGeS-Grad/DiG awardee projects

- Grad 1:
- Grad 2:
- Grad 3:
- DiG 1: “Thin-Dike Apatite Fission Track Thermochronology: Extracurricular Modules for Pre-University Students” - *Ray Donelick (DineGEO LLC)*
- DiG 2: “Testing the utility of luminescence dating for marine terraces in southern California” - *Nate Onderdonk (Cal State Long Beach)*

11:15-11:30: “Exploring the application of luminescence surface dating to glaciated bedrock in Greenland” - *Caleb Walcott-George (University of Buffalo)*

11:30-11:45: “Prospects and challenges for in situ beta decay geochronology” - *Alicia Cruz-Uribe (University of Maine)*

11:45-12: Closing Discussion (*Ramon Arrowsmith, Becky Flowers*)