

AGENDA
2024 Virginia Geological Research Symposium
Virginia Department of Energy
Geology and Mineral Resources Program
900 Natural Resources Drive, Charlottesville, VA 22903

Friday April 26, 2024

- 8:00 – 8:30 a.m. Registration and “Meet and Greet” with refreshments
- 8:30– 8:35 a.m. Welcome – Matt Heller
- 8:35– 8:40 a.m. GSA update – Chuck Bailey
- 8:40 – 9:45 a.m. **Technical Session #1**
- 8:30 – 8:50 *Constructing a standardized geologic map database of karst geology along the I81 Corridor* - Patrick Finnerty, Matt Heller, Anne Witt, Wendy Kelly, Drew Wolf, and Catherine Brown
- 8:50 – 9:10 *Springs of Virginia - An updated inventory and analysis* - Joel Maynard
- 9:20 – 9:45 *PRIOVAC: A paleontological resource inventory of Virginia Caves* – David Hubbard
- 9:45 – 10:00 a.m. **Break**
- 10:00 – 11:00 a.m. **Technical Session #2**
- 10:00 – 10:20 *Age and origin of the Oakville volcanic suite, northern Smith River Allochthon, Virginia Piedmont* - Nailah Johnson, Chuck Bailey, Matthew Kortan, Amanda Sasina, Daniel Ruiz-Arriaga, Sandar Juarez-Zuniga, Zachary Foster-Baril, and Daniel Stockli
- 10:20 – 10:40 *Augmenting geologic mapping and terrane characterization with new geochronology from the eastern Piedmont in southeastern Virginia and northeastern North Carolina* - Mark Carter, Chris Holm-Denoma, Ryan McAleer, Nicholas Powell, Jorge Vazquez, Ryan Deasy, Arthur Merschat, David Blake, Justin Futrell, and Emma Fishel
- 10:40 – 11:00 *New members of the Pyrochlore Supergroup from the historic Rutherford #2 pegmatite* – Scott Duresky and Michael Pabst

11:00 a.m. – noon	Breakout Sessions
Breakout #1	Geo-finds – bring in an interesting sample from recent field work to share with others or get feedback on
Breakout #2	Rock your career – speed networking for geology students and early career professionals
Breakout #3	Help us improve our map products – what data on map products is most/least helpful to you, how do maps of resources, hazards, and surficial deposits benefit your work, what changes in format or content would you welcome?
12:00 – 1:00 p.m.	Lunch on your own (see list of local restaurants)
1:00 – 2:00 p.m.	Poster Session (see separate list of posters)
2:00 – 3:00 p.m.	Technical Session #3
2:00 – 2:20	<i>Geochemistry of the mafic and ultramafic units in the eastern Blue Ridge of Virginia and North Carolina: Comparison of the Ashe and Alligator Back metamorphic suites and the Lynchburg Formation</i> – Naomi Becker, Arthur Merschat, Mark Carter, and Jenny Meng
2:20 – 2:40	<i>Planned updates and revisions of the stratigraphic correlation charts for the Valley and Ridge: A preliminary report</i> – John Haynes and William Swanger
2:40 – 3:00	<i>Assessing the feasibility of carbon storage in the Virginia Valley and Ridge: results from recent drilling in southwest Virginia</i> – Lars Koehn, Phil Prince, Nino Ripepi, Patrick McCrady, and Ryan Pollyea
3:00 – 3:30 p.m.	Break with refreshments
3:30 – 4:30 p.m.	Technical Session #4
3:30 – 3:50	<i>Mineralogical and geochemical survey on the genesis of Mn oxides in the Crimora ore deposit</i> - Chiara Elmi
3:50 – 4:10	<i>Pliocene-Pleistocene allostratigraphy of the Va Coastal Plain</i> - Rick Berquist and Marcie Occhi
4:10 – 4:30	<i>Preliminary results of recent landslide susceptibility mapping in Albemarle and Nelson Counties, Virginia</i> – Anne Witt and Wendy Kelly
4:30 p.m.	Summary and wrap-up