



Friends of Mineralogy Midwest Chapter
8th Annual Mineralogical Symposium

Hosted by the Miami University Karl E. Limper Geology Museum

DATE: Saturday March 14, 2020

TIME: 9:00 AM – 5:00 PM

LOCATION: 152 Shideler Hall (Spring Street & Patterson Ave), Miami University, Oxford, OH

CONTACTS: Randy Marsh (vpprograms@fommidwest.org or 513-515-7890)

Ken Bladh (president@fommidwest.org or 937-390-1742)

STATEMENT OF PURPOSE: FM's objective is to promote, support, protect, and expand the collecting of mineral specimens, while furthering the recognition of the scientific, economic, and aesthetic value of minerals and mineral collecting. The purpose of the symposium is to bring together professional and amateur mineral enthusiasts to share information of common interest, to build a local mineralogical community and to provide students with an opportunity to share their work and receive public recognition for it.

DETAILED AGENDA:

- 9:00-9:30 FM Midwest Chapter Meeting (open to all)
9:30-10:30 *Dr. John Jaszczak*¹: **Criminal Minerals**
10:30-11:00 *Dr. Travis Olds*²: **Adventures for new minerals from Utah, Colorado, & the Czech Republic**
11:00-11:30 *Dr. Claire McLeod*³: **Extraterrestrial Mineralogy: Insights from 5 new Lunar Meteorites**
11:30-1:00 Lunch Break Armstrong Student Center and Museum Viewing
1:00-1:30 *Dr. John Rakovan*⁴: **Split Minerals**
1:30-2:15 *Dr. John Medici*⁵: **Unusual Mineral Findings at Delphos, Van Wert Country, Ohio**
2:15-2:30 Break
2:30-4:30 Student Talks (20 min each)
4:45-5:00 Awards for Student Talks

¹ *Dr. John Jaszczak is Professor and Interim Chair, Department of Chemistry, Michigan Technical University.*

² *Dr. Travis Olds is the new curator of the mineral collection at the Carnegie Museum of Natural History.*

³ *Dr. Claire McLeod is an Assistant Professor of Petrology and Geochemistry at Miami University. Her research involves looking at the mineralogical make up of returned Apollo samples and lunar meteorites in order to evaluate the geological history of the Moon.*

⁴ *Dr. John Rakovan is a Professor of Mineralogy at Miami University and an executive editor of Rocks & Minerals.*

⁵ *Dr. John Medici is an American Chemical Society emeritus Chemical Abstracts retiree (Biochemistry/Food/Nutrition editor-translator) with extensive field collecting travels in over half of the 50 US states and several provinces in Canada.*

STUDENT TALKS:

1. NEW INSIGHTS INTO GROWTH OF WIRE GOLD

[C. J. Anderson](#) and J. Rakovan

Department of Geology and Environmental Earth Science, Miami University, Oxford, OH, 45056

2. CHEMISTRY OF APATITE FROM VEIN DIKE DEPOSITS IN THE GRENVILLE PROVINCE

[C. Emproto](#), J. Fink, S. Mounce, and J. Rakovan

Department of Geology and Environmental Earth Science, Miami University, Oxford, Ohio, 45056

3. AN UNUSUAL OCCURRENCE OF ZINC SULFIDE FROM THE FRANCON QUARRY, MONTREAL, CANADA

[J. Fink](#)¹, [C. Emproto](#)¹, and [J. Chappell](#)²

¹Department of Geology and Environmental Earth Science, Miami University, Oxford, Ohio, 45056

²Department of Geology and Geological Engineering, Colorado School of Mines, Golden, Colorado, 80401

4. MELT AND MICROMINERAL INCLUSIONS IN APATITE, CALCITE, FLUORITE, ALBITE, AND AUGITE FROM THE WILBERFORCE AREA, ON, CANADA

[S. Mounce](#), [C. Emproto](#), [M. Murchland](#), [M. Rutherford](#), and [J. Rakovan](#)

Department of Geology and Environmental Earth Science, Miami University, Oxford, OH, 45056

5. OPTICALLY ANOMOUS FLATTENED CRYSTALS FROM MUSCOVITE

[M. Murchland](#), [M. Rutherford](#), [J. Fink](#), and [J. Rakovan](#)

Department of Geology and Environmental Earth Science, Miami University, Oxford, Ohio, 45056

6. MINERALOGICAL CHARACTERISTICS OF OPTICAL ANOMALIES

[M. Rutherford](#), [M. Murchland](#), [J. Fink](#), and [J. Rakovan](#)

Department of Geology and Environmental Earth Science, Miami University, Oxford, Ohio, 45056

ADDITIONAL PRESENTATIONS by KEYNOTE SPEAKER: Dr. John Jaszczak will be giving an additional talk entitled *Magnificent Merelani Microminerals* at the Cincinnati Mineral Society meeting at 8 PM Friday, March 13, 2020. Contact Terry Huizing at tehuizing@fuse.net for further details or visit the CMS website (mineralsociety.org).

DIRECTIONS and PARKING: The Limper Geology Museum is located on the Miami University campus just inside the East and West entrances to Shideler Hall on the first floor. Shideler Hall is located west of the intersection of US Highway 27 and State Route 73. See map on following page.

Recommended parking is in Cook Field lot near the bell tower across the road from Shideler Hall. Parking requires the purchase of a permit. Please visit <http://www.miamioh.edu/parking/permits/index.html>, select Visitors, and then click Purchase Visitor Permit. You will need to display this permit on your dashboard the day of the event. Cost is \$3.

You may also obtain permits from John Rakovan inside the auditorium on the day of the symposium. You will need cash. You will have to walk back to your vehicle to display the permit.

[+ Current Students, Faculty, and Staff](#)

[+ Departments and Offices](#)

[+ Contractors and Vendors](#)

Visitors

Parking for visitors may or may not require a permit. See the information below for parking restrictions.

Permit Required

- At all times for University surface lots (except for Special Events, see below)
- From 7 a.m. to 6 p.m., Monday through Friday, on Spring, Oak and Maple Streets

Permit Not Required

- Any parking meter
- Campus Avenue Garage (hourly rates and event parking rates apply)
- North Campus Garage (hourly rates and event parking rates apply)
- Every day from 6 p.m. and 7 a.m. on Spring, Oak, and Maple Streets
- Between noon Friday and 10 p.m. Sunday on weekends of home football games

Purchase a Permit

Visitors may purchase a permit at the HOME Office during business hours or online for \$3 per day. Registration requires the license plate number, make, model, and color of the vehicle to be registered. Students and contractors are NOT permitted to purchase visitor permits.

[Purchase Visitor Permit >](#)

