You are invited to attend the
42nd NEW MEXICO MINERAL SYMPOSIUM
November 11 — 13, 2022

Featured Speaker
Dr. John Jaszczak
A.E. Seaman Mineral Museum
Director and John and Phyllis Seaman Endowed Curator
Macey Center
New Mexico Institute of Mining and Technology
Socorro, New Mexico

The Mineral Symposium is organized each year by the Mineral Museum at the New Mexico Bureau of Geology and Mineral Resources.

Sponsors
Albuquerque Gem and Mineral Club
Chaparral Rockhounds
Los Alamos Geological Society
New Mexico Geological Society Foundation
Friends of Mineralogy
City of Socorro
Grant County Rolling Stones
Friends of Mineralogy—Colorado Chapter

Program Information
November 11—13, 2022
Macey Center
New Mexico Institute of Mining and Technology
Socorro, New Mexico

42nd NEW MEXICO MINERAL SYMPOSIUM

The New Mexico Mineral Symposium provides a forum for both professionals and amateurs interested in mineralogy. The meeting allows all to share their cumulative knowledge of mineral occurrences and provides stimulus for mineralogical studies and new mineral discoveries. In addition, the informal atmosphere encourages intimate discussions among all interested in mineralogy and associated fields.

This year’s symposium will consist of a day and a half of formal papers presented in 30-minute time blocks. Papers will focus on mineral occurrences from New Mexico and adjacent states, as well as Mexico. A few selected papers may be presented from other parts of the world. An informal pre-symposium social and tailgating session will be held at local motels beginning on Friday, November 11, 2022, and will last through the weekend.

The general registration fee for the symposium is $50, and the fee for students is $25 (with student ID). On-site registration will cost an additional $10 each. Mineral Symposium registration includes a copy of the abstracts, two continental breakfasts, and coffee breaks.

A cocktail hour and dinner will be held on Saturday, November 12, 2022. A cash bar will be available. The cost for the dinner is $30 for adults, $10 for children (2–12 years old). A silent and live auction to benefit the symposium will conclude the evening’s activities. The dinner and auction will be in the Fidel Center.

John Jaszczak is Director and the John and Phyllis Seaman Endowed Curator of the A. E. Seaman Mineral Museum of Michigan Technological University. He is also a professor of physics at Michigan Tech, where he has taught and conducted research since 1991. His childhood love of minerals inspired him to become a scientist—first in chemistry and then in physics, but always with minerals in mind. John grew up in the Cleveland, Ohio area and was a junior member of the Parma Lapidary Club. He earned his BS degree in physics from Case Western Reserve University; while there he joined the Micromineral Society of the Cleveland Museum of Natural History. Moving to Columbus, Ohio, he earned his MS and PhD degrees in physics from Ohio State University. During his graduate studies, he was a member of the Columbus Rock and Mineral Club. After doing research at Argonne National Laboratory for two years as a postdoctoral appointee, he and his family moved to the Upper Peninsula of Michigan. John’s mineralogical interests currently focus on unusual crystal shapes, graphite, diamonds, hemimorphic minerals, and the minerals from the famous Merelani gem mines in northern Tanzania from which he has helped describe the two new minerals merelaniite and richardsite. Jaszczakite was named in his honor by Bindi and Paar in 2016.


SCHEDULE OF EVENTS

Friday
November 11, 2022
5:00 pm
Friends of the Museum Reception—Fidel Center
(Bureau of Geology) atrium. Appetizers and Cash Bar
7:00 pm
Informal mixer/socializing and social hour, individual rooms.
Comfort Inn & Suites ($1 on map) and other venues—FREE

Saturday
November 12, 2022
8:00 am
Registration, Macey Center; continental breakfast
8:30 am
Opening remarks, main auditorium
9:00 am
Crystal faces and forms—John Rakoza
9:30 am
The many faces of New Mexico Agate—Herwig Polakmans
10:00 am
Coffee and Burrito break
11:00 am
A copper bowl with a silver lining—Tom Rossmeyer
11:30 am
120 years of the A.E. Saaman Mineral Museum of Michigan Tech—John Jaszczak
12:30 pm
Lunch
1:30 pm
Colorado mining scars, frauds, and poor business practices—Ed Plaines
2:00 pm
A tour of the outstanding crystallographic minerals of the Colorado Mineral Jam—Phil Persson
2:30 pm
Crystal Pearl: Laser-cut mineral knots—Mark Jacobson, Brad Maoil, Thomas Cheatham, Joseph Dorris, and Markus Raschke
3:00 pm
Coffee break
3:30 pm
Wetlitska salt mine. Krivikol, Poland—David Studt
4:00 pm
Criminal Minerals: Investigating minerals that break the Laws of classical crystallography—John Jaszczak (Feature Speaker)
5:30 pm
Sarasaparilla and sods: cocktail hour, cash bar—Fidel Center Ballrooms
Dinner followed by a voice auction to benefit the New Mexico Mineral Symposium—Fidel Center Ballrooms
5:30 pm

Sunday
November 13, 2022
8:00 am
Morning social, coffee, and donuts
8:30 am
Welcome to the second day of the symposium and follow-up remarks
9:00 am
New Mexico minerals along old Route 66—Anna Dominick
9:30 am
A walking past—a glowing More—The Shiprock Rock mining district, Grant County, New Mexico—Patrick Rowe
10:00 am
Coffee break
10:30 am
New Mexico copper: cuprite and ductiform—Ramon DeMark, Michael Michaylyk, and Tom Katonak
11:00 am
New Mexico Originals: Type specimens from the Land of Enchantment—Nathalie and Paul Brandes
11:30 am
Occurrences of orbicular granite in New Mexico—Tom Katonak, Dave Wells, and Joan Karrie
12:30 pm
Lunch
12:30 pm
Silent auction, lower lobby, Macey Center, sponsored by the New Mexico Bureau of Geology and Mineral Resources, Mineral Museum
1:00 pm
Occurrences of orbicular granite in New Mexico—Tom Katonak, Dave Wells, and Joan Karrie
1:30 pm
Sarasaparilla and sods: cocktail hour, cash bar—Fidel Center Ballrooms
Dinner followed by a voice auction to benefit the New Mexico Mineral Symposium—Fidel Center Ballrooms

SOCORRO AREA LODGING INFORMATION

1. Comfort Inn & Suites
   1259 Frontage Rd. NW
   575-419-6207
   66 rooms
2. Super 8 Motel®
   1121 Frontage Rd. NW
   575-835-4266
   800-800-3000
   88 rooms
3. Best Western Socorro
   1150 N. California Street
   575-838-4556
   800-526-4687
   120 rooms, 29 suites
4. Holiday Inn Express®
   1041 N California Street
   575-838-4600
   77 rooms, 23 suites
5. Red Roof Inn
   1100 N. California Street
   575-838-4600
   77 rooms, 23 suites
6. Super 8 Motel
   575-418-6207
   30 rooms
7. Econo Lodge*
   507 N California Street
   575-835-0276
   13 Montoya Street
   575-835-3027
8. Days Inn
   575-835-0276
   130 rooms
9. Economy Inn
   405 N California Street
   575-835-2243
   49 rooms
10. Dos Casitas*
    1099 N California Street
    575-835-2858
11. Casa Blanca B & B
    1219 Frontage Rd. NW
    575-835-2234
12. Casa Blanca B & B
    575-835-2858

SOCORRO AREA LODGING FORM 2022

Make check payable to: New Mexico Mineral Symposium.

Name: _____________________________________________
Name: _____________________________________________
Name: _____________________________________________

Mailing address: ____________________________________
City, State, Zip Code: ________________________________
Phone: _____________________________________________
Email address: ______________________________________
Enclosed is an additional $30.00 per adult and $10.00 per child (2–12 yrs.)

I (we) plan to attend the cocktail hour and dinner. Enclosed is an additional $30.00 per adult and $10.00 per child (2–12 yrs.)

CC# _____________________________
EXP. DATE ____________

Total amount enclosed: ______________