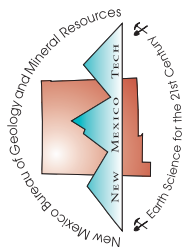


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New Mexico Bureau of Geology and Mineral Resources
A research division of New Mexico Institute of Mining and Technology
801 Leroy Place
Socorro, NM 87801-4796



43rd NEW MEXICO MINERAL SYMPOSIUM



Program Information
November 10–12, 2023
Macey Center

New Mexico Institute of
Mining and Technology
Socorro, 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. Topics will include mineralogy, mining and collecting history, and mineral occurrences in New Mexico and beyond. An informal pre-symposium social and tailgating session will be held at local motels beginning on Friday, November 10, and will last throughout the weekend.

REGISTRATION—Online registration starts October 9

The general registration fee for the symposium is \$50, and the fee for students is \$25 (with student ID). Mineral Symposium registration includes a copy of the abstracts, two continental breakfasts, and coffee breaks. Register online at <https://geoinfo.nmt.edu/museum/nmms/registration/home.cfm>
There will be no on-site registration.

A cocktail hour and dinner will be held on Saturday, November 11. A cash bar will be available. The cost for the dinner is \$30 for adults and \$10 for children (age 2–12). 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.

MICROMINERAL AFICIONADOS GATHERING AND PHOTOMICROGRAPHY WORKSHOP—Friday, November 10

This year, we're introducing a new feature to the symposium: the Micromineral Aficionados Gathering. The Micromineral Group of the Albuquerque Gem and Mineral Club will host a gathering for everyone interested in the small but glorious world of microminerals—specimens that require magnification to be truly appreciated. The gathering will be held in the Mineral Museum building on the New Mexico Tech campus from 9 am to 12 pm on Friday, November 10. From 1 to 4 pm on Friday, Patrick Rowe, Michael Michayluk, and Scott Braley will host a free workshop about taking photomicrographs. They will cover the whole process—setting up a photography system, taking the photographs, lighting tips, slabbing and stacking photos, all the way through to post-processing. For more details, visit the symposium website at <https://geoinfo.nmt.edu/museum/nmms/home.cfm>

FRIENDS OF THE MINERAL MUSEUM RECEPTION— Friday, November 10

A Friends of the Mineral Museum reception will be held at the museum from 5 to 7 pm. An informal tailgating session will be held at local motels beginning on Friday and will last throughout the weekend. You can join the Friends group at the reception with a donation of \$25 or more.

You are invited to attend the

43rd NEW MEXICO MINERAL SYMPOSIUM

November 10–12, 2023

Featured Speaker

Dr. Eloise Gaillou
Curatrix, Mineralogy Museum
of l'École des Mines de Paris

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

FEATURED SPEAKER



DR. ELOÏSE GAILLOU is curator at the Mineralogy Museum of l'École des Mines de Paris (Paris School of Mines), now known as MINES ParisTech. After a master's degree in geology/petrology, she received her PhD in material sciences at the University of Nantes (France) studying opals. She combined her PhD with a DUG (Diplôme d'Université de Gemmologie), beginning her work on diamonds. Dr. Gaillou continued studying diamonds during her postdoc at the Smithsonian Institution, then at the Carnegie Institution, both in Washington, D.C. She took the position of associate curator at the Natural History Museum of Los Angeles County in 2012 before eventually heading back to France in 2015 to take the position at the School of Mines, where she oversees the collection of 100,000 specimens and takes care of the permanent and temporary exhibits. Dr. Gaillou is the author of more than 40 articles, notably on opals and diamonds. She is currently president of the Society of Mineral Museum Professionals (SMMP) and, since the end of 2022, the new French National Representative for the International Mineralogical Association Commission on Museums. She is a member of the MSA (Mineralogical Society of America), MetSoc (Meteoritical Society), SGF (Geological Society of France), and SFMC (French Society of Mineralogy and Crystallography).

SCHEDULE OF EVENTS

FRIDAY—November 10, 2023

- 9:00 am to 12:00 pm Micromineral Aficionados Gathering—Mineral Museum, Headen Center (Bureau of Geology)
- 1:00 to 4:00 pm Photomicrography Workshop—Mineral Museum, Headen Center (Bureau of Geology)
- 5:00 to 7:00 pm Friends of the Mineral Museum reception—Headen Center (Bureau of Geology) atrium, appetizers and cash bar
- 7:00 pm Informal motel tailgating and social hour—Individual rooms, Comfort Inn & Suites and other venues, FREE

SATURDAY—November 11, 2023

- 8:00 am Check-in and continental breakfast—Macey Center
- 8:00 am to 3:00 pm Silent auction to benefit the New Mexico Mineral Symposium—Macey Center
- 8:45 am *Opening remarks*—Main auditorium
- 9:00 am *Minerals of the Red Cloud Mine (New Mexico) revisited*—Fred Parker
- 9:30 am *Notable microminerals from New Mexico*—Ray Demark
- 10:00 am **Coffee break**
- 11:00 am *The mines and minerals of the Copper Mountain Mining District, Morenci, Greenlee County, Arizona*—Les Presmyk
- 11:30 am *Gemstones from the French Crown Jewels at l'École des Mines de Paris*—Eloïse Gaillou
- 12:00 pm **Lunch**
- 1:30 pm *Fisher veins of Keweenaw County, Michigan*—Chris Stefano
- 2:00 pm *A major new fluorite find at the Blanchard Mine, Hansonburg Mining District, New Mexico*—Mike Sanders
- 2:30 pm **Coffee break**

SATURDAY continued

- 3:00 pm *A tale of two specimens, part I*—Ron Gibbs
- 3:30 pm *A tale of two specimens, part II*—Ron Gibbs
- 4:00 pm *History of collecting at the Mineralogy Museum of l'École des Mines de Paris*—Eloïse Gaillou
- 5:30 pm Sarsaparilla and suds: Cocktail hour, cash bar—Fidel Center ballrooms
- 6:30 pm Dinner followed by a live auction to benefit the New Mexico Mineral Symposium—Fidel Center ballrooms

SUNDAY—November 12, 2023

- 8:00 am Morning social, coffee, and donuts—Macey Center
- 8:50 am Welcome to the second day of the symposium and follow-up remarks
- 9:00 am to 1:00 pm Silent auction sponsored by the Albuquerque Gem and Mineral Club for the benefit of the Mineral Museum (free and open to the public)
- 9:00 am *Tourmalines from Erzgebirge, Germany: Schorl and fluor-schorl from the type localities and oxy-schorl from diamond-bearing rocks*—Andreas Ertl
- 9:30 am *After 23 years of Mindat.org: What's new and what's yet to come*—Jolyon Ralph
- 10:00 am **Coffee break**
- 10:30 am *What's new in minerals and personal photo favorites*—Jeff Scovil
- 11:00 am *Paramelaconite from Bisbee, Arizona*—Evan Jones
- 11:30 am *Samaraskite-(Y) and associated minerals, Platt Pegmatite (Uranium King Claim), Encampment, Carbon County, Wyoming*—Markus Raschke

Cover image: Smithsonite, Kelly Mine, Magdalena District, Socorro County, New Mexico. Gift of Roy & Pam Johnson. Mineral Museum No. 16315. Photo by Jeff Scovil

Mailing panel: New Mexico Bureau of Geology and Mineral Resources building. Photo by Frank Sholedice

43rd NMMS Registration Form 2023

I (we) plan to attend the New Mexico Mineral Symposium. Enclose registration, register by phone (575-835-5302), or register online at: <https://geoinfo.nmt.edu/museum/nmms/registration/>

General: \$50 no. _____ @ \$50 =
 Student/children over 12: \$25 no. _____ @ \$25 =
 (Children age 2-12: registration is free)

I (we) plan to attend the cocktail hour and dinner. Enclosed is an additional \$30 per adult and \$10 per child (age 2-12).

Adults, no. _____ @ \$30 =
 Children, no. _____ @ \$10 =

Total amount enclosed: _____

Make check payable to: New Mexico Mineral Symposium

Name: _____
 Name: _____
 Name: _____
 Mailing address: _____
 City, state, zip code: _____
 Phone: _____
 Email address: _____
 Cash Check (check # _____)
 Credit Card VISA MASTERCARD AM EXPRESS DISCOVER
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Detach and send to:
 Mineral Symposium
 New Mexico Bureau of Geology and Mineral Resources
 New Mexico Tech, 801 Leroy Place, Socorro, NM 87801-4796

For registration, program information, or questions, call (575) 835-5302 or (575) 835-5140.