

**FRIENDS OF MINERALOGY
COLORADO CHAPTER**



**May 2018 Newsletter
Meeting: Thurs. May 10, 7:30 p.m.
All are welcome!
At our new meeting place:**

Lakeview Event Center, 7864 W. Jewell Ave. Lakewood CO

The W-Sn-Be deposit of Xuebaoding, Sichuan Province, China: current research, past, and future of a world class mineral locality

**Markus B. Raschke
Department of Physics, Department of Chemistry, and JILA
University of Colorado at Boulder**

The Xuebaoding Mountain with its W-Se-Be deposits has emerged as a world-class specimen locality for scheelite, cassiterite, and beryl since its discovery in the 1950s. Situated high above tree line on the northeastern edge of the Tibetan Plateau, the mineralized muscovite-rich quartz veins intruding Triassic metamorphic schist and carbonate rock are of a greisen-type associated with small alkali granite intrusions. Major gem-grade scheelite, beryl, and cassiterite are found with minor K-spar, quartz, fluorite, calcite, and rare Sn-bearing minerals mushistonite, k esterite, and others. Difficulties in access of this remote locality above 4200 m have long limited systematic research of its geology and mineralogy. I will discuss recent progress and new insight into the mineralogy which resolve a number of mysteries surrounding this deposit.



Xuebaoding (雪宝顶) Mountain (background). The localities are in small adits and artisanal pits just above the talus slope and beyond the ridge to the right.



[Left] A beryl crystal cluster with the beryl of the prevalent flattened along the c-axis habit typical for the locality. A Robert Lavinsky specimen for sale, Tucson 2013. Mark Jacobson photograph.

[Right] A typical cassiterite on albite. A Collectors' Edge specimen for sale, Tucson 2013. Mark Jacobson photograph.



Scheelite on mica, quartz and albite. Hoppel Collection, Tucson 2014. Mark Jacobson photograph.

The major minerals from the area:

For a W-Sn-Be greisen the primary minerals are cassiterite, scheelite, and beryl. However, a number of associated rare especially Sn-bearing minerals are mushistonite, k esterite, and others.



Markus Raschke is Professor at the Department of Physics, Department of Chemistry, and JILA at the University of Colorado at Boulder. His research is on the development of novel nano-optical spectroscopy and imaging techniques with applications to molecular, soft- and bio-materials, quantum hard matter and minerals. He received his PhD in 2000 from the Max-Planck Institute of Quantum Optics and the Technical University in Munich, Germany. Following appointments at the University of California at Berkeley, the Max-Born-Institute in Berlin, and the University of Washington, he joined the University of Colorado at Boulder in 2010.

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President's Message

On May 10th FMCC will be meeting at our new facility for what promises to be an extremely interesting presentation on the W- Sn- Be deposit at Xuebaoding in China by Markus Raschke elsewhere in the bulletin for further details.

On the 20th of May, the FMCC annual auction will take place at the Clements Community Center. We can always use people to help with set up, check out, snacks etc. Don't forget to bring minerals or mineral related items to sell, and your check book for your purchases. There will also be a verbal auction of specimens that were donated to FMCC. Thank you to Larry Havens for his hard work in acquiring these donations for us.

On August 4th and 5th FMCC, the Colorado School of Mines Geology Museum and FCSMGM are having a symposium. The theme is Minerals from the Metallic Ore Deposits of the American Southwest. This will be held in Berthoud Hall, at the Colorado School of Mines campus. Keep an eye on the FM website for cost, registration details and speaker list as they become available.

See you all at the next meeting and the auction.

---Jeff Self, May 2018, President, Colorado Chapter, Friends of Mineralogy

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Chapter's new meeting place: Lakeview Event Center, Lakewood CO

At 7864 W. Jewell Ave.; on the south side of Jewell Ave., 1/5 mile west of Wadsworth, west of the King Soopers shopping plaza. Turn south across the street from Wendy's, into Lakewood Village Center; the front entrance of the building faces west.

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FMCC March Board Meeting minutes

Friends of Mineralogy, Colorado Chapter, Board meeting 8 March, 2018
Dennys restaurant, Wadsworth and Route 287.

Attendees

Ed Pedersen, Don Bray, Larry Havens, Mark Jacobson, Jeff Self, David Bunk, Gloria Staebler.
Regrets: Pete Modreski, Bob Hembree

- 1) Bob Hembree through Jeff Self communicated that for personal reasons, he needed to resign as Vice-President.
- 2) Gloria Staebler provided the Treasurer's report and noted that we only have 62 paid members for 2018. Reminders will be emailed to members who have not yet paid their 2018 dues. The treasurer completed and sent in the 2017 Federal Income Tax 990N form for non-profits. David Bunk made a motion to accept the treasurer's report. Ed Pedersen seconded the motion. All voted to approve.

Meeting adjourned at about 6.45 PM

Mark Jacobson, Secretary

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Denver Gem & Mineral Show Mini Report April 2018

September 14 - 16, 2018 will see the 51st Denver Gem & Mineral Show. The show will be held at the usual location, the Denver Mart, 451 E. 58th Avenue (intersection of I-25 and 58th Avenue). "Minerals of Mexico" is this year's theme. The show Chair is again Lesley Sebol, who can be reached at lesleysebol@gmail.com or 720-999-1372. Lesley always welcomes new ideas regarding the show. The show is aiming for the future with ideas, exhibits, activities and opportunities.

Planning is under way for the show and here is a sampling of the speakers and exhibits to whet your appetite. Some of the speakers are as follows: Terry Wallace, jr. on "The Silver Legacy of the Mexican Altiplano", Peter Megaw on "Minerals of Mapimi", Thomas Moore on "The Ojuela Mine", and Brad Cross on "Agates of Chihuahua". If it's Mexico, there has to be agates in there somewhere. Of course, the exhibits will be spectacular as well. Aquarium cases are reserved for some premier exhibitors such as Peter Megaw, Kerith Graeber, Gail and Jim Spann, Scott Rudolph, and Marty Zinn. Terry Wallace will be exhibiting Mexican silver specimens (who could guess). Phil Richardson will display Mexican pyrites. Alberto Ray will exhibit Mexican agates. The Houston Museum of Natural Science is returning with a display of their exceptional Mexican minerals. The exhibits are always a highlight of the show and this year will be no different.

The Show Committee is committed to bringing you a superb show every year. However, we cannot do it alone. **WE NEED THE HELP OF ALL THE EIGHT LOCAL CLUBS.** The clubs are our support. Right now there is a need for a new Historian, a two-person position, and a Set Up Chair. The Historian(s) photographs all the exhibits plus some of the activities and attendees, creating a history of the show. The Set Up Chair is responsible for set up of the show on the Wednesday preceding the show. Set up entails covering the dealer tables in the aisles and east area with plastic and assembling the wood display cases. The Set Up Chair does not do this alone. There is a list of experienced persons from prior years that help. The Set Up Chair needs to confirm the list of volunteers. The main floor is the responsibility of the contract decorator.

In addition to the two positions mentioned above, there are several that need an assistant. These are Buildings and Grounds, Dealers, Door Prizes, Tear Down, Trophies & Ribbons, and Volunteers. So give it some thought. Where else could you put your many talents to use for such a worthy endeavor?

The Show Committee meets at 7:30 p.m. on the first Tuesday of each month except February, July and December. Tag along with your club representative (each club has one) to see what it's all about. You may serve as an At Large member until you find the niche that suites your talents. The committee has met at the Denver Museum of Nature & Science for many years. Starting this April, there is a possibility the meetings may shift to the conference room at the Colorado School of Mines Geology Museum. The conference room is across the hall from the museum entrance. The Greater Denver Area Gem & Mineral Council will continue to meet at the Denver Museum of Nature & Science.

Respectfully submitted, Judy Knoshaug, Show Secretary

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Denver Gem & Mineral Show Mini Report May 2018

The Denver Gem & Mineral Show is only four short months away! How could you forget?! The Denver Show is the most exciting event for our hobby and it happens right here on our turf! Let's recap the facts. The Denver Gem & Mineral Show takes place September 14 - 16, 2018 at the Denver Mart, 451 E. 58th Avenue (intersection of I-25 and 58th Avenue). The theme of this year's show is "Minerals of Mexico". The Show Chair is Lesley Sebol, who can be reached at lesleysebol@gmail.com or 720-999-1372. Lesley is always open to new ideas to better the show.

The Show Committee wishes to enhance the educational value of the show and to attract younger folks to the hobby. There will be more exposure to the lapidary arts at the show this year. In particular, there will be a wire wrapping class taught by Susan Gardner on both Saturday and Sunday of the show. The class will be limited to about 20 persons and run from 10 a.m. to 5 p.m. with a break for lunch. If you have always wanted to learn wire wrapping, this may be your chance. More information about signing up and the cost will be forthcoming later, but don't wait to sign up because the class is limited.

The \$5,000 gold giveaway for children 12 years of age and younger will again happen at the show! This was a huge success last year. If you had an opportunity to watch the children pan for the tokens, it was amazing! Some of the children were very intense and determined to find one of the tokens. Then when they did, their faces lit up with smiles and delight as they took their token over to be exchanged for their treasure of gold. It will be a thrilling adventure for many children again this year.

I cannot write a mini report without reminding all of our clubs' members that the show needs your help to operate and to be successful. The show is an all-volunteer effort; no one is paid for their work for the show. The show depends on volunteers from the clubs. So if you enjoy the show, you need to step up, to throw your hat in the ring, to raise your hand and say "I will help". First of all, there are some open positions on the Show Committee, the 50 member group that plans the show all year long. These are a second Historian, who assists with photographing all the exhibits and creating a history for the show. Bill Hutchinson has volunteered to be a Historian so only one more is needed. There are several positions that need an assistant. These are Buildings and Grounds, Dealers, Door Prizes, Tear Down, Trophies, and Volunteers. So please think about joining the committee. The Show Committee meets at 7:30 p.m. on the first Tuesday of each month except February, July and December at the Colorado School of Mines Geology Museum conference room. Come to a meeting to find out what it is all about. You may serve as an At Large member until you decide where you fit in.

About 400 volunteers are also needed at show time to help run the show. Volunteers are needed for admissions, security, hospitality, volunteer check in, dealer check in, show set up, show take down, schools, judging clerks, exhibits assistants, and grab bag/ poster/pins sales. Plenty of opportunity for you to assist with the best show in town! Sign up multiple times and often!

Respectfully submitted, Judy Knoshaug, Show Secretary

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MINERALS FROM THE METALLIC ORE DEPOSITS OF THE AMERICAN SOUTHWEST

AUGUST 4 - 5 • GOLDEN, COLORADO

CALL FOR PAPERS

Please e-mail your presentation title with preferred talk time length to fmccpresident@gmail.com. The desired subjects can cover ore deposition, non-ore and ore mineralogy of the deposits, minerals from the deposits, collecting histories, or mining histories.

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**FRIENDS OF MINERALOGY
COLORADO CHAPTER**



**Friends
of the
Colorado School of Mines
Geology Museum**
Organized 2009

Julie Ann Hesse
January 4, 1956 – March 30, 2018



The Friends of the Colorado School of Mines Geology Museum and Colorado's mineral collecting and mining history communities all lost a special friend on March 30th when Julie Ann Hesse passed very gently at Hope West Hospice in Grand Junction after a short illness. She was 62.

Julie was born in Rutland, Vermont and had come west and lived in the Aspen area since the early 1980s, most recently in Basalt. She loved the Colorado mountains and was an expert hiker and back-country skier. She was also active for many years in Mountain Rescue Aspen and continued to fundraise and serve on their advisory board even after her hiking and ski mountaineering had come to a close. MRA held a special memorial for Julie at their Aspen headquarters on April 5th.

In the late 1990s, Julie discovered a new passion that was to remain with her for the rest of her life: collecting Colorado minerals and mining memorabilia. She had a particular interest in silver ores and historic artifacts from Aspen and the San Juans and had turned that interest into a small home business, Silver Queen Minerals. She also built a very fine collection of precious and semi-precious "rough and cut" pairs, many from Colorado, and had displayed that collection at the Colorado School of Mines Geology Museum.

Julie and her collections were profiled in the Mineralogical Record's November-December 2014 special issue, "Mineral Collections in Colorado," as well as in a 2014 Aspen Times Weekly article, available online at: <https://www.aspentimes.com/news/weekly/aspen-times-weekly-a-mountain-of-mining-history/>. She also enjoyed poetry and books, and late this past year had begun volunteering at the Basalt Regional Library.

I first met Julie at the Friends' Gold and Silver Deposits symposium when we found ourselves on the same Friday field trip to Georgetown and Silver Plume. We met again when she returned to Denver for three days for the September mineral shows. In October, I drove to Basalt and helped her inventory, pack, and transport a significant portion of her San Juan mineral collection to Farmington, New Mexico, for an extended loan and special display at the San Juan College Mineral Museum. Each time I was with Julie was very special. Julie is survived by her brother, Jamey Hesse, and her niece, Jacqueline Hesse, both of Vermont, as well as by her beloved Siamese cat, Noel (who will now live with Jacqueline), and by a great many friends in Colorado and elsewhere. She was laid to rest in the family plot in Rutland, Vermont.

Julie, you will always be in our hearts.

---Mike L. Smith

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Upcoming FM Meetings for 2018:

May 10: Thursday 7:30 p.m. Speaker Markus Raschke on “**The W-Sn-Be deposit of Xuebaoding, Sichuan Province, China: current research, past, and future of a world class mineral locality**”. Markus is a Professor in the Physics and Chemistry Departments at the University of Colorado, Boulder. He has given talks to FM before; in March, 2017, Markus gave us a presentation on “Mineralogy and petrology of a REE pegmatite near Wellington Lake: a case study providing new insight into pegmatite petrogenesis”.

Xuebaoding Mountain is a mining area in central China, seldom visited by westerners, that has produced many fine specimens of orange scheelite (often on a matrix of muscovite crystals), beryl (aquamarine and goshenite), cassiterite, and numerous other minerals.

May 20: Sunday, noon (setup starts at 11) to 4 p.m., **FM’s annual Silent Auction**, held at Clements Community Center, 1580 Yarrow St., Lakewood. ***Please note that for the first time, our auction will be on a SUNDAY, not a Saturday, and a week later than our usual weekend (due to unavailability of the Clements Center).*** Both members and non-members are invited to bring material to sell, and to bid on specimens.

Aug. 4-5, FMCC is sponsoring, along with the Friends of the CSM Geology Museum, a symposium on **Minerals from the Metallic Ore Deposits of the American Southwest.**

September 19, Wednesday after the Denver Gem and Mineral Show (rescheduled so as not to conflict with events the week of the show) Topic TBA.

November 14, Wednesday (rescheduled so as not to conflict with people’s travel to the New Mexico Mineral Symposium the previous week). Topic TBA.

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Calendar of Coming Events - 2018

Thurs., May 10, 7:30 p.m., Friends of Mineralogy, Colorado Chapter, bimonthly meeting, at Lakeview Event Center, 7864 W. Jewell Ave.: “**The W-Sn-Be deposit of Xuebaoding, Sichuan Province, China: current research, past, and future of a world class mineral locality**”, by Markus Raschke, CU. All are welcome. See <http://friendsofmineralogycolorado.org> for more information about the meeting and the program.

Sat., May 12, 9 a.m. to 3 p.m., **Dinosaur Discovery Day**, featuring **Boy Scout Day** at Dinosaur Ridge, Morrison, CO. See www.dinoridge.org for full information.

Mon., May 14, 7:00 p.m., DREGS (Denver Region Exploration Geologists’ Society) annual Distinguished Lecturer, Dr. William A. (Bill) Rehrig, “**New Discoveries, New Questions – 60 Years in Exploration Geology**”. Berthoud Hall Room 241 at Colorado School of Mines; social hour with refreshments beginning at 6:00 p.m.

Mon., May 14, 7:00 p.m., WIPS (Western Interior Paleontologists Society), Denver Museum of Nature & Science, Gates Planetarium, “**Bryozoan Strategies for Neutralizing Evolution within their Colonies**”, by Carl Simpson, Paleobiologist, CU-Boulder. All are welcome. For more information see <http://www.westernpaleo.org>.

Tues., May 15, 10:30 a.m., USGS Rocky Mountain Science Seminar, Building 25 Lecture Hall, Denver Federal Center, “**Sulfur isotopes distinguish Deccan volcanic eruptions and impact at the Cretaceous–Paleogene boundary**”, by Boz Wing, CU-Boulder. Visitors are welcome; enter Fed. Center at Gate 1 on Kipling, and enter Bldg. 25 from entrance E-14. This will be the last USGS seminar for the 2018 year.

Sun., May 20, 12 noon to 4 p.m., **Friends of Mineralogy, Colorado Chapter, Silent Auction**, at Clements Community Center, 1580 Yarrow St., Lakewood (setup begins at 11 a.m.). All are welcome. Both members and non-members of FM are welcome to bring material to sell in the auction (minimum donation to FM is 20%). To be assigned a buyer/seller number in advance, please contact Lou Conti, dlconti@aol.com, 303-797-3205. See <http://friendsofmineralogycolorado.org> for more information and bidding forms.

Fri.-Sat.-Sun., June 1-3, Pikes Peak Gem & Mineral Show, sponsored by the Colorado Springs Mineralogical Society; at the Norris-Penrose Event Center [new location], 1045 Lower Gold Camp Road #3, Colorado Springs.

Sat., June 2, CO-AIPG (Colorado Chapter, American Institute of Professional Geologists) is holding their annual geology field trip: “**Roadside faults, folds, fossils, crystals, and diamond pipes: Sampling the geologic diversity of northern Colorado**”, led by Dr. Barbara EchoHawk and Dr. Uwe Kackstaetter, Metropolitan State University, Denver, CO. The 2018 field trip will follow the route and stops for a field trip led by Drs. EchoHawk and Kackstaetter for the 2016 Annual Meeting of the Geological Society of America (GSA). The trip field guide was published as Chapter 11 in Volume 44 of the GSA Field Guide series, in Keller, S.M., and Morgan, M.L., eds., *Unfolding the Geology of the West: Geological Society of America, Field Guide Volume 44*, p. 247-266. The trip will meet at the parking lot of the Geological Society of America headquarters in Boulder, 3300 Penrose Place, at 8:00 a.m.; travel will be by carpooling.” Interested persons who are not members of CO-AIPG are invited to join them for this trip; if interested, you are asked to please contact Doug Peters of AIPG (dcpeters@tuveraexploration.com) by **May 25**. To receive the complete announcement of info about the trip, including how to order a copy of the 2016 GSA field guidebook at a discount price (\$20), please write to Doug, or to Pete Modreski at pmodreski@usgs.gov .

June 7-10, Fairplay Contin-Tail rock, gem, and mineral show, MiddleFork RV Resort, 255 Highway 285, Fairplay, CO; see www.facebook.com/ContinTail.

Tues., June 12, WMMI (Western Museum of Mining & Industry) Speakers’ Bureau Lecture, “**An Introduction to Ore Microscopy**” by Dan Kile (USGS, retired). The lecture will begin at 7:00 pm (doors open at 6:30 pm). \$5 per person, free for museum members. Please RSVP to 719-488-0880 or email rsvp@wmmi.org . At 225 North Gate Blvd., Colorado Springs.

June 15-17, Victor, CO Gem and Mineral Show, Victor, CO; see <http://victorcolorado.com> .

Fri.-Sat.-Sun., June 29-July 1, San Juan County Gem & Mineral Show, hosted by the San Juan County [N.M.] Gem and Mineral Society. McGee Park, Farmington, NM. Free admission; 10-6 Fri. & Sat., 10-5 Sun.

July 6-8, Four Corners Gem & Mineral Show, La Plata County Fair Grounds, Durango, CO, sponsored by the Four Corners Gem & Mineral Club. 10 a.m. – 6 p.m. daily.

Tues., July 10, WMMI (Western Museum of Mining & Industry) Speakers’ Bureau Lecture, “**Colorado Fuel & Iron**”, by Victoria Miller. The lecture will begin at 7:00 pm (doors open at 6:30 pm). \$5 per person, free for museum members. Please RSVP to 719-488-0880 or email rsvp@wmmi.org . At 225 North Gate Blvd., Colorado Springs.

July 12-15, 9 a.m. – 5 p.m. daily, there will be a “**Home Rock Show (Sale)**” by John Haney, 4242 Thompson Court, Denver CO. 80216 (south of I-70, east of York St. & west of Steele St.). “Rough rock, slabs, cabs, fossils, amber, turquoise, minerals, crystals, gemstone bowls & boxes, lapidary equipment & supplies; discounts for lapidary students.” Contact, rocksisme@comcast.net, 303-296-8268.

Aug. 3-5, Creede Rock & Mineral Show, at the Creede Underground Mining Museum and Community Center, Creede, Mineral County, CO. 10 a.m. – 5 p.m. daily; see <http://creederocks.com/> .

Aug. 4-5, Symposium, Minerals from the Metallic Ore Deposits of the American Southwest, Golden, CO; sponsored by the Friends of Mineralogy, Colorado Chapter, and the Friends of the Colorado School of Mines Geology Museum. If you are interested in giving a presentation at this symposium, please contact fmccpresident@gmail.com . More details about the symposium plans will soon be available.

Aug. 9-12, Contin-Tail rock & mineral show, Buena Vista Rodeo Grounds, Buena Vista, CO; see www.facebook.com/ContinTail

Aug. 16-19, Woodland Park Rock, Gem, & Jewelry Show, Woodland Park, CO; see <https://www.facebook.com/woodlandparkrockandgemshow/>

Aug. 17-19, Lake George Gem & Mineral Show, sponsored by the Lake George Gem and Mineral Club, Lake George, CO. See <http://www.lggmclub.org/>

Sep. 7-15, Colorado Mineral and Fossil Fall Show, Crowne Plaza Hotel - Airport, 15500 E. 40th Ave. Denver, CO.

Sep. 8-16, Denver Coliseum Mineral, Fossil, and Gem Show, Denver Coliseum; see <http://www.coliseumshow.com/>

Sep. 12-15, Denver Fine Mineral Show, Denver Marriott West, 1717 Denver West Blvd.; see <http://finemineralshow.com/denver/>

Sep. 14-16, 51st annual Denver Gem and Mineral Show, Denver Mart, 451 E 58th Ave., Denver, CO. **Minerals of Mexico** is the 2018 show theme. See <http://denvershow.org>

Sep. 20, Colorado Scientific Society Student Paper Night; oral or poster presentations by graduate (or undergraduate) students on their earth science research topics, with an award given for the best presentation. To be held at the Arbor House, Maple Grove Park, 14600 W. 32nd Ave., Golden CO. For more information (including for students who wish to apply to present a paper) see <http://coloscisoc.org> .

Nov. 10-11, 39th annual New Mexico Mineral Symposium, at New Mexico Institute of Mining & Technology, Socorro, NM; see <https://geoinfo.nmt.edu/museum/minsymp/home.cfm>

Nov. 16-18, Denver Area Mineral Dealers Show, Jefferson County Fairgrounds, Golden CO. Free admission, public welcome.

For more lecture series during the year see:

Colorado Beer Talks (2nd Tuesday, 6-8 p.m.), Windy Saddle Café, 1110 Washington Avenue, Golden, “Golden’s grassroots version of TED talks, Expand your mind with a beer in your hand”, <http://goldenbeertalks.org/>

Colorado Café Scientifique in Denver, monthly lectures on science topics held either at Blake Street Station or Brooklyn's, Denver; open to the public, no charge other than refreshments you may choose to purchase; see <http://cafescicolorado.org/> .

Colorado Scientific Society (3rd Thursday, 7 p.m.), see <http://coloscisoc.org/> . Meets at Shepherd of the Hills Church, 11500 W. 20th Ave., Lakewood CO, except when noted.

CU Geological Science Colloquium (Wednesdays, 4 p.m.) see <http://www.colorado.edu/geologicalsciences/colloquium>

CSU Dept. of Geoscience Seminars (Fridays, 4 p.m.), see <https://warnercnr.colostate.edu/geosciences/geosciences-seminar-series/>

Van Tuyl Lecture Series, Colorado School of Mines, (Thursdays, 4 p.m.): <https://geology.mines.edu/events-calendar/lectures/>

Denver Mining Club (Mondays, 11:30), see <http://www.denverminingclub.org/> .

Denver Region Exploration Geologists Society (DREGS; 1st Monday, 7 p.m.), <http://www.dregs.org/index.html>

Florissant Scientific Society (FSS); meets monthly in various Front Range locations for a lecture or field trip; meeting locations vary, normally on Sundays at noon; all interested persons are welcome to attend the meetings and trips; see <http://www.fss-co.org/> for details and schedules.

Nerd Night Denver is a theater-style evening featuring usually 3 short (20-minute) TED-style talks on science or related topics; held more-or-less monthly at the Oriental Theater, 4335 W. 44th Ave., Denver; drinks are available; for ages 18+. Admission is \$6 online in advance, \$10 at the door. See <https://www.nerdnitedenver.com/> .

Rocky Mountain Map Society (RMMS; Denver Public Library, Gates Room, 3rd Tuesday, 5:30 p.m.), <http://rmmaps.org/>

Western Interior Paleontology Society (WIPS; Denver Museum of Nature & Science, 2nd Monday, 7 p.m.), <http://westernpaleo.org/> . Meetings are held either in the Ricketson Auditorium or the Planetarium at the Denver Museum of Nature & Science, unless otherwise noted

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FM's annual Silent Auction will be held on Sunday, May 20. For those receiving this newsletter by email, a flier and a sheet of bidding slips will be sent as a separate attachment. Please help us support a successful auction by:

Come to the auction! (If you can, come early to help us get set up.)

Tell your mineral-collector friends about it—invite them to come along.

Brings some specimens/books/other items to sell at the auction.

Bring some refreshments (food or drinks) to share with all at the auction.

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Symposium on Minerals from the Metallic Ore Deposits of the American Southwest will be held on the Colorado School of Mines campus on August 4-5, 2018. FMCC, with the Friends of the CSM Geology Museum, are the co-sponsors. A preliminary poster about the symposium is attached. For right now, we want everything to be aware of the dates of the symposium, and to know that they should contact Mark Jacobson at fmccpresident@gmail.com if they wish to offer to give a presentation. We'll have information available soon about the number and titles of presentations, whether there will be one or more field trips, a symposium welcoming party and dinner, etc.

Notes about FM

Annual Dues to Friends of Mineralogy, Colorado Chapter are \$15.00, or \$25.00 for a family; this includes membership in the national organization, Friends of Mineralogy, Inc.. (After many years of dues at \$13, we have *finally* raised them just to \$15, and created a new category of Family Membership for \$25.) New members are *always* welcome! To pay dues, mail a check for \$15 or \$25 to FM-Colorado Chapter, P.O. Box 234, Arvada, CO 80001-0234; please include your name, email address and mailing address; or pay in person at one of our meetings. Attach a copy of our membership form (in this newsletter, or available on our FMCC website under “Membership”), especially if you want to update your information. All our newsletters and mailings are normally sent by email, unless the member is unable to receive them that way. If you are uncertain about your membership status, please contact our Treasurer, Gloria Staebler, gastaebler@aol.com, 303-495-5521. If you have not already done so, please renew your membership for 2018!

See our Colorado Chapter website: <http://friendsofmineralogycolorado.org/>

FM (National) is also on Facebook: <https://www.facebook.com/Friends-of-Mineralogy-156668551041854/>

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FM Colorado Chapter activities:

Meetings are normally held at 7:30 p.m. on the 2nd Thursday of alternate (odd-numbered) months. Our meeting place for 2018 will be the Lakeview Event Center, 7864 W. Jewell Ave., Lakewood CO. Our meeting dates are often shifted in September and November so as not to conflict with the Denver Gem & Mineral Show and the New Mexico Mineral Symposium. Visitors are *always* welcome at our meetings!

Meeting dates for 2018 will be:

Thursday, Jan. 11, FM meeting

Thursday, Mar. 8, FM meeting

Thursday, May 10, FM meeting

Sunday, May 20, FM Silent Auction, Clements Community Center, Lakewood

Aug. 4-5, symposium on Minerals from the Metallic Ore Deposits of the American Southwest

Sept. 14-16, Denver Gem and Mineral Show; 2018 show theme, “Minerals of Mexico” (51st annual show)

Wednesday, Sept. 19, FM meeting (date adjusted to not conflict with Denver Gem and Mineral Show)

Wednesday, Nov. 14, FM meeting (date adjusted to not conflict with NM Mineral Symposium)

Friends of Mineralogy, Colorado Chapter, 2018 officers:

President:	Jeff Self, selfawareminerals@gmail.com, 303-898-7539
Vice President:	presently vacant
Secretary:	Mark Jacobson, markivanjacobson@gmail.com, 1-337-255-0627
Treasurer:	Gloria Staebler, gastaebler@aol.com, 303-495-5521
Denver Museum N&S Liaison:	Alan Keimig, alan.keimig@gmail.com, 303-755-9604
DG&MS Council Trustee:	David Bunk, dave@davebunkminerals.com; Alternate, Mark Jacobson
Newsletter editor:	Peter Modreski, pmodreski@aol.com, 303-202-4766
Field trip planner (not field trip leader):	unfilled
FMCC Website:	unfilled
Postings for the FM national facebook page:	unfilled
At-large Directors:	Larry Havens, lwrnchavens@comcast.net, 303-757-6577 Don Bray, don_bray@copper.net, 303-681-3646 Ed Pederson, mineraljeep@aol.com David Bunk, dave@davebunkminerals.com Peter Modreski, pmodreski@aol.com, 303-202-4766



friends of mineralogy
colorado chapter



Prospective members for the Colorado Chapter, please send this form with your check to the address below. This form may also be used to renew your membership. Membership in the local chapter includes membership in the National Society. A local chapter member does not need to live within the area. Membership lists are not shared outside of the organization. Membership in the local chapter provides membership in the Rocky Mountain Federal of Mineralogical Societies (RMFMS) with its associated group 3rd party liability insurance for field trips.

Please mail annual dues of \$15 for an individual, or \$25 for a family made out to Friends of mineralogy, Colorado Chapter to:

Ms. Gloria Staebler

Friends of Mineralogy - Colorado Chapter
P.O. Box 234
Arvada, CO 80001-0234

Please complete the following for new members.

Last Name: _____ First name: _____

Middle name (optional): _____

Street Address (used for mail): _____

City: _____ State or Province: _____

County: _____ Zip or Postal Code: _____

Telephone (land line): _____ Telephone (Cell phone): _____

Email address: _____

Signature: _____ Date: _____

My primary area of interest is: _____

Chapter and National newsletters will be sent to you by email unless you request a paper copy to be mailed. _____ Please note that mail newsletter as sent as a black and white paper copy.

Friends of Mineralogy Colorado Chapter is affiliated with the Mineralogical Record Magazine, The Mineralogical Society of America (MSA), the American Geological Institute (AGI), Rock and Minerals magazine, the American Federation of Mineralogical Societies and the Rocky Mountain Federation of Mineralogical Societies.

Friends of mineralogy, INC. is composed of member of local chapters, of which in 2014, seven chapters existed. Members may affiliate with any chapter or none. Local chapters issue newsletters as does the national organization.