**2024 TUCSON GEM & MINERAL SHOW®**

**SYMPOSIUM & GUEST SPEAKER SCHEDULE - “PEGMATITES – CRYSTALS BIG & BEAUTIFUL!”**

**104/105**  **WEST MEETING ROOMS**  **102/103**

**Thursday, February 8th**

1:00 pm – 1:45 pm (102/103)  “The Pegmatites of Colorado: A Statewide Survey of Localitites”  
By Mark Ivan Jacobson

2:00 pm – 2:45 pm (102/103)  “Pegmatitic Textures and What They Mean”  
By Skip Simmons

3:00 pm – 3:45 pm (102/103)  “New Mineral Finds in Peru, 2019-2023”  
By Jaroslav Hrsyl

1:00 pm – 3:00 pm (104/105)  Mineral Photography Seminar - By Jeff Scovil

3:30 pm – 4:00 pm (104/105)  Society of Mineral Museum Professionals Board Meeting

4:00 pm – 5:00 pm (104/105)  Society of Mineral Museum Professionals Membership Meeting

5:00 pm – 6:00pm (104/105)  Society of Mineral Museum Professionals : Public Presentation  
“Gender in Mineral Names: A Record of Diversity, Equity, and Inclusion Challenges in the Earth Sciences”  
By Chris Emproto

**Friday, February 9th**

9:30 am - 6:00 pm (102/103)  Arthur Roe Memorial Micromount Symposium

9:30 am - 10:00 am (102/103)  Welcome and Introductions by Symposium Chair, Mark Ascher

10:00 am - 10:45 am (102/103)  “Volcanic Fumarole Minerals in Japan”  
By Alfredo Petrov

10:45 am - 11:30 am (102/103)  “Mosaic and Split Crystals”  
By John Rakovan

11:30 am – 12:15 pm (102/103)  “Granite Pegmatites of the Northeast USA”  
By Dr. Vandall King

3:30 pm – 5:00 pm (102/103)  Geo-Literary Society Meeting & Speaker: Public Presentation  
“Gem-bearing Pegmatites, Oxford Pegmatite Field, Maine”  
By Karen L Webber & Skip Simmons

11:00 am – 11:45 am (104/105)  “Topaz from Pegmatites” - By Michael Menzies

1:00 pm – 1:45 pm (104/105)  “The Many Faces of Michigan Copper Crystals”  
By John Jaszczak

2:00 pm – 2:45 pm (104/105)  “The Role of Water in the Pegmatites of the Pikes Peak Batholith”  
By Ed Raines

3:00 pm – 3:45 pm (104/105)  “Arizona Pegmatites”  
By Raymond Grant

4:00 pm – 4:45 pm (104/105)  “C-Axis Polarity in Quartz”  
By Ian Merkel
Saturday, February 10th

10:00 am -5:30 pm (104/105) The 42nd FM-TGMS-MSA Tucson Mineral Symposium

10:00 am -10:15 am (104/105) Introduction by Symposium Chair, Mark Jacobson

10:15 am - 10:45 am (104/105) “Pegmatites: Earth's Most Amazing Rocks”
By Michael Wise

10:55 am - 11:25 am (104/105) “Gem Pegmatites”
By Michael Menzies

11:35 am - 12:05 am (104/105) “Gem-Forming Cavities in Pegmatites”
By David London

12:30 pm - 1:30 pm Lunch

1:30 pm - 2:00 pm (104/105) “Cleavelandite: Only Crystals Small and Beautiful”
By Robert F. Martin

2:10 pm - 2:40 pm (104/105) “Trace Elements in Texas Topaz and Their Petrogenetic Significance”
By Roy Bassoo

2:50 pm – 3:20 pm (104/105) “Chamber Pegmatites of Volyn, Ukraine”
By Peter Lyckberg

3:40 pm – 4:10 pm (104/105) “Geochronology of REE-bearing Proterozoic Pegmatites in the Arizona Pegmatite Belt”
By Calvin Mako (speaker) and Carson Richardson

4:20 pm – 4:50 pm (104/105) “The South Platte Pegmatite District of Colorado: New Insights into Mineralogy, Petrogenesis, and Rare-earth Element Fractionation”
By Markus Raschke

5:00 pm - 5:30 pm (104/105) Symposium Closed

1:00 pm – 1:45 pm (102/103) “Collecting from Volcano Fumaroles in Japan”
By Alfredo Petrov

2:00 pm – 2:45 pm (102/103) “Rare Metal Pegmatites, Brandberg, Namibia”
By Rob Bowell

3:00 pm – 3:45 pm (102/103) “The Difficulty and the Advantage of Using Agate for Animal Carvings”
By Patrick Dreher

4:00 pm – 4:45 pm (102/103) “Star Gems-A Fascinating World”
By Martin P. Steinbach