

# 2024 TUCSON GEM & MINERAL SHOW®

## SYMPOSIUM & GUEST SPEAKER SCHEDULE - "PEGMATITES – CRYSTALS BIG & BEAUTIFUL!"

104/105

WEST MEETING ROOMS

102/103

### Thursday, February 8<sup>th</sup>

- 1:00 pm – 1:45 pm (102/103) "The Pegmatites of Colorado: A Statewide Survey of Localities  
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 9<sup>th</sup>

- 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

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### Saturday, February 10<sup>th</sup>

- 10:00 am -5:30 pm ([104/105](#))      The 42<sup>th</sup> 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