



# 2012 TUCSON GEM & MINERAL SHOW™

## Symposium & Guest Speaker Schedule

### “MINERALS OF ARIZONA”

[TB: Turquoise Ballroom](#)

[CB: Crystal Ballroom](#)

#### Thursday, February 9th

- 1:00 pm – 3:00 pm (TB)      **Mineral Photography Seminar**  
Jeff Scovil
- 3:30 pm – 4:00 pm (CB)      **Society of Mineral Museum Professionals Board Meeting**
- 4:00 pm – 5:00 pm (CB)      **Society of Mineral Museum Professionals Membership Meeting**
- 5:00 pm – 6:00pm (CB)      **Society of Mineral Museum Professionals Program**  
Workshop on: “What will happen to YOUR collection?”

#### Friday, February 10th

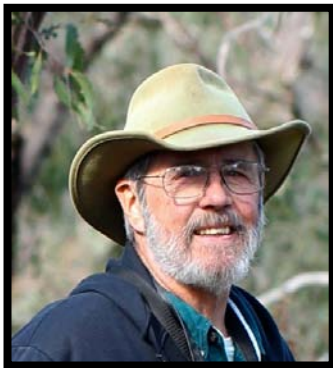
9:30 am - 6:00 pm (TB)      **Arthur Roe Memorial Micromount Symposium**

9:30 am - 10:00 am (TB)      **Welcome and Scope Setup**

10:00 am - 11:30 am (TB)      **First Session Symposium Talks:**

10:00 am – 10:45 am

#### **“Collapse Breccia Pipes – A Unique Copper Mineral Occurrence in Arizona, USA”**



**Ray Grant** - is a retired geology professor. He is a co-author of the third edition of the *Mineralogy of Arizona* and is currently working on the fourth edition. He has co-chaired the Minerals of Arizona Symposium for the past 19 years and is chairman of the Flagg Mineral Foundation.

10:45 am – 11:30 am

#### **“The Micro Minerals of Tiger, Arizona”**



**Robert O. (Bob) Meyer** - has been interested in and has collected minerals for over fifty years. His first field collecting experience occurred at the age of three when he was delighted to find colorful stream-worn pebbles at the property of his uncle. Since then, Bob has amassed a diverse and extensive collection of over 12,000 specimens, numbering to about 2,000 different species. His collection consists of micro to large cabinet-sized examples from world-wide localities, with particular emphasis on localities in the Western United States, and especially from his favorite locality, the Mammoth Saint-Anthony Mine, Tiger, Pinal Co., Arizona. Bob is a member, and currently President, of the Pacific Northwest Chapter Friends of Mineralogy (PNWFM), is a member of the Northwest Micro Mineral Study Group (NWMMG), the Fluorescent Mineral Society, the Issaquah Valley Rock Club, and is a member of the management group on Mindat. In the arena of micro minerals, Bob

writes a column in the PNWFM newsletters and the NWMMSG *Microprobe* entitled *The Micro Mineral Collector*, which features his commentary and micro mineral photography. He opens each column with “Buy and use a good Microscope,” a slogan which is modeled after micro mineral great Neal Yedin’s similar saying, and asserts that a “micro mineral is anything small enough to fit under a scope.” He currently lives in the small town of Maple Valley, Washington, a sort of Arizona town in reverse, as it is typically cool and wet there, in comparison to being warm and dry.

11:30 am – 12:15 pm

#### **“Bill Hunt's Arizona Micromount Treasures”**



**Harvey Jong** - has served on the Board of Trustees and as the Secretary for the Flagg Mineral Foundation. He received a Bachelor's degree from M.I.T. and a Master's degree from the University of California, Santa Barbara; both degrees are in electrical engineering. After working in the microprocessor industry for over 17 years, he decided to pursue his passions for photography and minerals. He started a digital media studio that specializes in virtual reality and uses the latest technologies to visualize minerals in new creative ways. He collects carbonate minerals with a special focus on rhodochrosite.

12:15 pm - 6:00 pm (TB)

**“Freebie” Tables, Socializing, Specimen Trading Session**

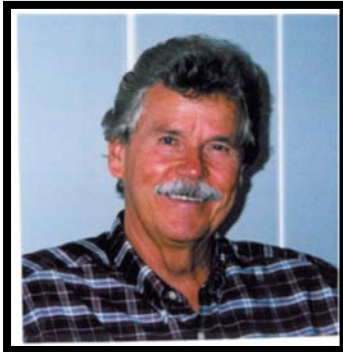
## Friday, February 10<sup>th</sup> ... continued

11:00 am – Noon (CB)



### **“Collecting at the Old Yuma Mine”**

**John Cesar** - is a graduate mining engineer from the University of Arizona. He has over 30 years of experience in the non-metallic and metallic metal mining industry. His specialty is underground mining, including due diligence, feasibility studies and mine operations. He has worked for such companies as Kennecott, Anaconda, Tenneco Oil Co, Magma Copper, United Nuclear, Noranda, Western Gold and Boliden. He did long-term consulting in the Philippines where he introduced trackless mining and advanced ground support to Benguet Corporation. Prior to retiring as the Manager Business Development for Boliden, he was also the CEO for Boliden Metech, then the second largest electronic precious metal recycling company in the US. He has collected minerals since high school. He presently lives in Tucson with his wife, Karen, and their Italian Greyhound, Shadow. John will team up with Gene Schlepp to speak about the Old Yuma Mine wulfenite find in September, 1968. The 2012 Show Poster features a major piece from this find.



**Eugene Edward "Gene" Schlepp** - was born in Belvidere, Illinois on January 6, 1940, and grew up in the Chicago area, where he developed a liking for the blues music that was heard in the black bars and night spots. He eventually assembled one of the world's largest private collections of rare, early blues records. He purchased his first mineral specimens from Boodle Lane (q.v.) near Joplin, Missouri, while he and his parents were in the process of moving to Arizona.

Gene joined the Science Club at Amphitheater Junior High School in Tucson, and went on a field trip with the club every month. His father also took him out into the desert as often as possible to collect minerals. In 1955 Gene joined the Tucson Gem and Mineral Society, and sold a few specimens that year. He began selling minerals professionally in 1962, as the "Western Minerals" dealership in Tucson, and is still a very active dealer, with the assistance of his wife Jacqueline. They both traveled for many years into Mexico bringing out fine specimens that went to collectors and museums throughout the world. His website may be found at [www.westernmineralsaz.com](http://www.westernmineralsaz.com).

1:00 pm – 2:00 pm (CB)



### **"The Ben Williams Collection - a Lost Trove of Minerals from Bisbee"**

**Evan Jones – Abstract of lecture:** As superintendent of the Copper Queen Consolidated Mining Company until December 1899, Ben Williams assembled a Bisbee collection perhaps rivaled only by that of Dr. James Douglas. The collection was completely unknown until 1998 when it was discovered in California having been in storage since 1937. In addition to the mineral specimens were books, artifacts, and never-before-seen photographs.

2:00 pm – 2:30 pm (CB)

### **“Collecting Arizona – A History of Mineral Collecting in Arizona” Les Presymk**

2:30 pm – 3:30 pm (CB)



### **“Mineral Photography in Three Dimension”**

**Harvey Jong – Abstract of lecture:** A certain fascination has always surrounded three dimensional (3D) photography. Ever since the invention of stereoscopic photography by Sir Charles Wheatstone in 1838, photographers have been trying to create the illusion of depth by combining two images. The resulting 3D images have experienced several waves of popularity starting in 1850's where stereoscope viewers and cards were a common form of home entertainment. The introduction of 35mm film in the early 1950's created new interest in the field, and stereo slides and movies provided additional 3D experiences. Now in the 21st century, there is a renewed focus on 3D with the widespread use of digital technology. It promises to be the next "big thing" with new 3D movies, 3D televisions, and 3D cameras.

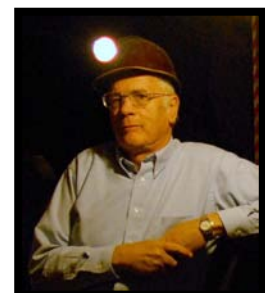
This program provides a brief overview of how 3D images work and describes the techniques used to create and display these photos. It examines the process of capturing stereo pair images using both standard and specialty cameras. Image viewing methods with and without special glasses are described. The presentation covers how 3D techniques have been applied in photographing mineral specimens. Numerous examples will be presented that will include digitally-remastered versions of Bill Hunt's wonderful 3D micromount slide collection along with more recent mineral images.

3:45 pm – 6:00 pm (CB)

### **Geo-Literary Society Meeting & Book Signing**

## Saturday, February 11<sup>th</sup>

2:00 pm – 3:00 pm (TB)



### **“Bisbee Mines and Minerals”**

**Richard (Dick) Graeme** - a Bisbee native, and was born in 1941 into a pioneer family of miners that first arrived here in 1883. Like his grandfather and father before him, Dick went to work underground as a laborer, as soon as he was old enough. By time the mines closed in 1975, he had become the Resident Geologist at the Copper Queen Branch. Now, more than 50 years after Dick began working in the mines, he continues to work in the copper industry as the head of a company in Peru.

## **Saturday, February 11<sup>th</sup> ... continued**

**“Bisbee Mines and Minerals” continued ...** Bisbee was a mining town; few were its residents that did not depend on the mines for their livelihood. Thus, the tempo of the whole community revolved around the operations schedule and the mine whistle, which signaled that it was time to drop into the dark world of the miner. Bisbee was a mining town; where miners toiled in the hills that surround it, going ever deeper to win an important resource for the growing American industry.

The work was hard and sometimes hazardous, but it was good work, the kind of work that made you proud to complete. Underground mining was a skilled craft in the truest sense of the meaning.

Bisbee was a mining town; where the price of copper at the moment was discussed with more passion than sports scores. All here knew the importance of this metal to the world and all knew the fickleness of the markets as their livelihood depended on forces and events beyond their control. Yet good lives were built and sustained in this uncertainty for most of 100 years.

Bisbee was a mining town; it was a good place to live and to work and to grow.

### 10:00 am – 4:00 pm (CB)      **33<sup>rd</sup> Annual FM-TGMS-MSA Mineralogical Symposium**

#### ***“Minerals of Arizona”***

10:00 am – 10:10 am.	<b>Introductory Remarks</b> <b>Symposium Co-Chairs: Julian C. Gray and Raymond Grant</b>
10:10 am – 10:30 am	<b>“The Mineralogy of Arizona: Past, Present, and Future”</b> <b>Marcus Origlieri and Raymond Grant</b>
10:30 am – 11:00 am	<b>“History and Development of Mining in Arizona before Statehood (1912)”</b> <b>Jim McGlasson</b>
11:00 am – 11:30 am	<b>“How Minerals from Bisbee helped Arizona gain Statehood”</b> <b>Richard Graeme</b>
11:30 am – 12:00 noon	<b>“Gemstones of Arizona”</b> <b>Wolfgang Mueller</b>
12:00 noon – 1:30 pm	<b>LUNCH BREAK</b>
1:30 pm – 2:00 pm	<b>“Mines and Minerals of the Amole District, Tucson Mountains, Pima County, Arizona”</b> <b>Anna Domitrovic</b>
2:00 pm - 2:30 pm	<b>“Tombstone ... The Town too Tough to Die ... Shady Ladies, Shootouts and Tellurium Minerals”</b> <b>Peter Megaw</b>
2:30 pm – 3:00 pm	<b>“150 years of mining, 100 years of Statehood, 50 years collecting”</b> <b>Les Presmyk</b>
3:30 pm - 4:00 pm	<b>“Arizona Gold”</b> <b>Erik Melchiorre</b>