

2010 TUCSON GEM & MINERAL SHOW™

Seminar Schedule

“GEMS & GEM MINERALS”

[CB: Crystal Ballroom](#)

[TB: Turquoise Ballroom](#)

Thursday, February 11th

1:00 pm – 3:00 pm (TB)

Mineral Photography Seminar
Jeff Scovil & Michael Bainbridge

3:30 pm – 4:30 pm (TB)



“Gemstones of Afghanistan”

Gary W. Bowersox - is an internationally recognized gem hunter, explorer, lecturer, author and gemologist. He has been exploring Afghanistan for 38 years and has written two award winning books, “Gemstones of Afghanistan” and “The Gem Hunter-True Adventures of an American in Afghanistan,” and published several articles in Gem & Gemology Magazine and other publications.

Gary is President of Gem Hunters Corporation and GeoVision, Inc., which have contracts with USAID/DAI to revitalize the gem industry of Afghanistan.

2:00 pm – 3:00 pm (CB)

Society of Mineral Museum Professionals Board Meeting

3:00 pm – 4:00 pm (CB)

Society of Mineral Museum Professionals Membership Meeting

4:00 pm – 5:30 pm (CB)

Society of Mineral Museum Professionals Program

“Gems of Vietnam”
Dudley Blauwet

“Gems of Burma”
Bill Larson

Friday, February 12th

9:30 am - 6:00 pm (TB)

Arthur Roe Memorial Micromount Symposium

9:30 am - 10:00 am (TB)

Welcome and Scope Setup

Friday, February 12th ... continued

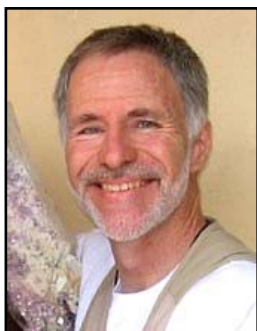
10:00 am - 11:30 am (TB) **First Session Symposium Talks:**



“From Micro to Magnificent, A Tale of Two Passions”

Ray Hill - is both a mineral specimen and gem collector and has been suffering from this split in his mineral personality for over 47 years now. He started collecting at age nine, founded his first of two successful mineral clubs at nineteen, was a founding director of both the Central Canadian Federation of Mineral Societies and the Gem and Mineral Federation of Canada. He also was elected President of the Canadian Micro-Mineral Association for five of those years. His passion for microminerals started in his early twenties and has persevered to today, with a collection of over 7000 micromounts. His love of gems evolved from when he taught himself to cut gems at age 16 and began studying jewelry making and gemology at age 17. Some of his gem collection was recently featured as the loaned exhibit titled "Precious" in the Pacific Museum of Earth and Ocean Sciences, at the University of British Columbia.

He has been sharing his passion for gems and minerals with audiences across North America and even in Tasmania, Australia, for 40 of those years, and today he will be talking to us about "From Micro to Magnificent, A Tale of Two Passions".



“Describing New Minerals: Trials, Tribulations and Triumphs”

Dr. Anthony Kampf - joined the Natural History Museum staff in January 1977, immediately after earning his Ph.D. in mineralogy and crystallography from the University of Chicago. He was instrumental in the creation of the Museum's world-renowned Hall of Gems and Minerals, which opened in 1978, and through the years he has implemented many additions and improvements to the gallery. Since 1980, Dr. Kampf has been Curator of the Mineral Sciences Department and has overseen the growth of the Museum's mineral and gem collections, from about 20,000 to more than 150,000 specimens. He conducts research principally in the areas of descriptive mineralogy, crystal chemistry, and structural crystallography - focusing on the characterization of new or inadequately described minerals and is the U.S. delegate to the Commission on New Minerals, Nomenclature, and Classification of the International Mineralogical Society.

11:30 am - 12:30 pm (TB) **Break and Socializing**

12:30 pm - 2:00 pm (TB) **Second Session Symposium Talks:**



“The Robert's Legacy – Black Hills Treasures Unearthed During Museum Relocation”

Tom Loomis - has been collecting minerals since he was eight years old. He was born and raised in the Chicago area. He graduated from the South Dakota School of Mines in 1982 with a BS in Geological Engineering. He was employed in the coal, gold and silver mining industries for 20 years before starting up his mineral dealership online. He has owned and operated Dakota Matrix Minerals (www.dakotamatrix.com) for the last 10 years. He studies pegmatitic phosphate mineralogy and operates the famous Tip Top mine in Custer, South Dakota.

**“Minerals from the Gold Hill Mine, Tooele County, Utah”
Speaker To Be Announced**

2:00 pm - 6:00 pm (TB) **“Freebie” Tables, Socializing, Specimen Trading Session**

Friday, February 12th ... continued

2:00 pm – 3:00 pm (CB)

“Lapidary Service in China”

Jack Liu - president of Land C Corporation. He is originally from Beijing, China since 1991. Mr. Jack Liu is now working and living in Los Angeles, California. Mr. Liu supplies cutting stone service in ShenZhen, China since 1999. The main services include faceting and cabbing all the colored stones. He will have a presentation about the stone cutting factory in China.

3:30 pm – 6:00 pm (CB) **Geo-Literary Society Meeting**



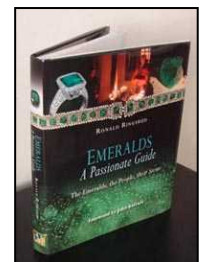
“Emerald Knowledge; The Making of Emeralds, A Passionate Guide”

Ron Ringsrud - has been an independent emerald dealer for 20 years, specializing in Colombian emeralds. He has a residence in Saratoga as well as a house in the capital city of Colombia, Bogotá. He has lectured on emeralds at jewelry industry events, symposia, museums and the Gemological Institute of America (GIA).

The book can be described as an introduction to the world of colored stones through the example of emerald. Rather than a mere introduction, this is a grand introduction with information that will elevate gemologists to the level of connoisseurs, as well as turn beginners into emerald lovers. This hardcover book has 384 pages, 71 photomicrographs, and over 250 other photos and illustrations.

From the Foreword by John Koivula, Chief Gemologist, G.I.A:

“Ron is a gemologist who approaches his chosen subject scientifically, but also as an artist and humanitarian. He is well known to gemologists around the world for his authorship of several excellent articles and descriptive notes on Colombian emeralds. In addition to being accurate, and enjoyable to read, Ron’s text is very imaginative in its descriptions.”



Saturday, February 13th

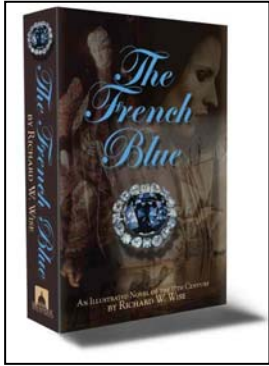
10:00 am – 12:00 noon (CB) **31st Annual FM-TGMS-MSA Mineralogical Symposium**

“Gemstones”

- | | |
|-----------------------|---|
| 10:00 a.m. | Introductory Remarks
Symposium Chair: Julian C. Gray |
| 10:05 am – 10:29 am | “Cornell University, the Edward Arthur Metzger Gemstone Collection”
Jeff Scovil |
| 10:30 am – 10:59 am | “The Inner Universe of Gems and Minerals: A look at the Microscopic Level”
John Koivula, Chief Gemologist, GIA |
| 11:00 am – 11:29 am | “The World’s Greatest Pegmatites
Peter Lyckberg |
| 11:30 am – 12:00 noon | “Gem-Bearing Pegmatites: Nature's “Fancy” Rocks
David London |

Saturday, February 13th... continued

11:00 am - 12 noon (TB)



“From The French Blue to the Hope Diamond, Politics, History and Revolution”

Richard W. Wise - has written two books; the critically acclaimed *Secrets Of The Gem Trade*, *The Connoisseur's Guide ...* and his new book, *The French Blue*, published by Brunswick House Press, January 2010.

Richard W. Wise is a graduate of the Gemological Institute of America's Graduate Gemologist program and is President of R. W. Wise, Goldsmiths of Lenox, Massachusetts.

Mr. Wise lectures and writes extensively on gem-related topics. He has given lectures for The American Gem Society, The Women Jewelers Association and the Gemological Institute of America Alumni Association. He has written numerous articles on colored stones and pearls. Publication credits include: *Gems & Gemology*, *Jeweler's Quarterly*, *Colored Stone Gemkey* and *Gem Market News*. Mr Wise is the former *Gemology Columnist for National Jeweler* and

has been a contributing Editor with Gem Market News. Gemkey Magazine calls him: "one of the world's foremost gemstone connoisseurs." (June, 2000)

2:00 pm - 3:00 pm (TB)



“Visiting and Permanent Gem and Mineral Treasures of the GIA Museum”

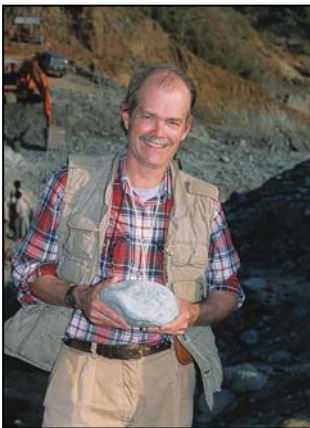
Robert Weldon - is Manager, Photography & Visual Communications at the Gemological Institute of America (GIA). Weldon is based at the Institute's Richard T. Liddicoat Gemological Library & Information Center in Carlsbad, CA, where he divides his time pursuing photography, traveling, writing and library assignments.

Weldon has reported about gemstone and gemological issues for over 18 years. He worked as a senior editor at JCK, and later *Professional Jeweler* magazines before returning to GIA in 2006. In his capacity as a gemological photojournalist and researcher, Weldon continues to travel to some of the world's major gem sites, including such places as Burma, East Africa, India, Thailand, Russia, Sri Lanka, Russia, Brazil Colombia and Bolivia.

Weldon's photographs have appeared in scores of international gemological, jewelry and consumer publications, and in several books.

As a public speaker for nearly 20 years, Weldon has focused on topics as diverse as gemology, photography, world gemstone sources and Fair Trade gemstones.

4:00 pm - 5:00 pm (TB)



“Stalking the Jade and Ruby Deposits of Myanmar”

George E. Harlow, PhD. - is Curator of Minerals and Gems in the Department of Earth and Planetary Sciences at the American Museum of Natural History. Dr. Harlow joined the Museum in 1976 as an Assistant Curator with responsibility for the mineral and gem collections. He was promoted to Associate Curator in 1981 and Curator in 1988, and was Chairman of the Department from 1988 through 1993.

Dr. Harlow received his B.A. from Harvard College in 1971 and his Ph.D. from Princeton University in 1977. Trained as a geologist specializing in mineralogy and crystallography, he has concentrated his research on the chemistry and structure of minerals as tools for understanding their origin and for the record of geological processes they contain. This interest and questions about specimens in the gem collection led Dr. Harlow to a long-term study of jadeite rock, used as jade, and related rocks from the Motagua Valley in Guatemala and, more recently, Myanmar (Burma), and Japan. Expeditions to Myanmar permitted visits

to the Jade mines and the famous ruby deposits such as the Mogok Stone Tract which has led to a research project on the genesis of the deposits and the myriad minerals and gems produced. News in 2001 of the discovery, by his team, of new Guatemalan jade sources used by early Mesoamericans such as the Maya and Olmec caused great excitement and led to a major project funded by the National Science Foundation to study the origin of these rocks. His research also includes high-pressure experiments on minerals similar to ones found as inclusions in diamonds.

Saturday, February 13th... continued

Dr. Harlow has curated and co-curated several exhibitions at the Museum, including It's Gold (1979–80), Tiffany: 150 Years of Gems and Jewelry (1988), Global Warming (1992), and The Nature of Diamonds (1997) which traveled to San Diego, Tokyo, Quebec and Midland, Michigan and will travel in the future to Toronto, Houston and Chicago. Dr. Harlow edited and contributed to the book, The Nature of Diamonds, and co-authored Gems and Crystals from the American Museum of Natural History and Minerals and Gems from the American Museum of Natural History. He is an adjunct professor in the CUNY graduate program and adjunct senior research scientist at Columbia University's Lamont-Doherty Earth Observatory.

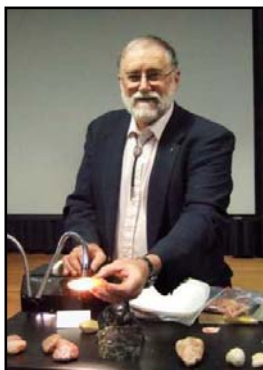
Sunday, February 14th

10:45 am – 11:45 am (CB)



“Japan Law Quartz Twins and Other Minerals of the PC Mine, Basin, Montana”
Pete Knudsen, Ph.D. - is the Dean of the School of Mines and Engineering at Montana Tech. He received his MS and Ph.D. in Mine Engineering from the University of Arizona and his BS in Geological Engineering from Montana Tech – many moons ago. Dr. Knudsen mined Japan Law Twins at the PC Mine from 1988 to 2005 when the deposit was depleted.

1:15 pm – 2:25 pm (CB)



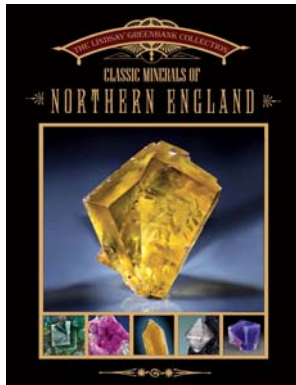
“Gem Grade Dinosaur Bone from the Atlantic”
Courtland Lee - is a gemologist with a MS in Economic Geology from the University of Arizona (1967). After early work in western metals exploration, and a tour of duty in the U.S. Navy, Courtland went to work in Washington, D.C. on Federal Mineral programs. While there he worked on Capitol Hill for the Mines and Mining Committee. Courtland was instrumental in getting petrified dinosaur bone designated as the official Maryland state gemstone.

9:30 am – 10:30 am (TB)

“Creation of the American Woman, a 10,000lb Marble Sculpture”

Francisco Sotomayor, created the 10,000 lb life-sized marble sculpture titled the “American Woman” in 2003. The sculpture is of a beautiful woman reclining atop a 10' long concert grand piano. The American Woman has been sponsored to be at 41 cities and events and has traveled over 22,000 miles on tour in the United States.

12:00 noon – 1:00 pm (TB)



“Fine Minerals of Northern England, as Exemplified by the Greenbank Collection”

Robert “Rob” Lavinsky, Ph.D. - is the proprietor of The Arkenstone, a premier mineral dealership. Rob received his BA in Biochemistry and History from Rice University in Houston, Texas (1995) and his Ph.D. in Molecular Genetics from the University of California, San Diego (2000). Rob started as a collector at age 12 and as a dealer at the Columbus Show in 1986 at age 14. Rob was a pioneer in using the internet to promote the mineral hobby as well as his business. Additionally, Rob is well known for his support of junior education efforts and mineral literature projects.