

SUNDAY JANUARY 28th

NAJA ACE©It Conference

Heading Towards A Century: Art Deco Jewels

Duncan Parker, Vice president and jewellery specialist at Dupuis Fine Jewellery Auctioneers

Update of GIA Activities with Artisanal Mining Guide

Robert Weldon Library Director, GIA

William Ruser: The Jeweler Who Charmed Hollywood

Judy Colbert, Manager of Visual Resources in the GIA Library in Carlsbad, California

Collateral Loan Valuation: Luxury Market Considerations

Caitlin St. John, Senior Vice President of Operations and Head of the New York Office of New York Loan by Luxury Asset Capital

Paraiba Tourmaline

Roland Schluessel, FGA., Pillar & Stone International

Identifying Jade: A Hands On Workshop

Richard Hughes, FGA., Lotus Gemology

Tucson Gems & Fine Minerals Show

'The Rogerley Mine to 2017'

CAL GRAEBER/JESSE FISHER

11am

'Fluorite Mining from 2017'

IAN AND DIANA BRUCE

2pm

MONDAY JANUARY 29th

NAJA ACE©It Conference

From Appraiser to Influencer: Content Creation 101

Chris James T. Boehner, GG, AGA

Looking for Clues in All the Right Places

Teri Brossmer, NAJA Senior Member, AQB Certified USPAP Instructor.

Gemological Minds: Gemstone profiling to catch the “offenders”!

Kerry Gregory,

Assessing Comparables: The How, Why and When of Research

Deborah Finleon and Stuart Robertson

Turquoise 101

Jacob Lowry, Executive Director, Turquoise Museum

Tucson Gems & Fine Minerals Show

‘Silver Mineralogy of Mexico’

PETER MEGAW

11am

‘Carving The Invisible’

PATRICK DREHER

2pm

TUESDAY JANUARY 30th

Tucson Gems & Fine Minerals Show

‘Rubies from Mogok (Myanmar/Burma)’

FEDERICO BARLOCHER

11am

‘15 years of Artistic Gemcutting: from the Philosophical Stone to the World Heritage’

VICTOR TUZLUKOV

2pm

‘Peridot Masterclass’

Sponsored by Fuli Gemstones

Joanna Hardy

7pm

WEDNESDAY JANUARY 31st

AGTA Elevated Seminars

AGTA - American Gem Trade Association
2024 GemFair Tucson ELEVATED Seminar Series
Sponsored by the American Gem Society

Wednesday, January 31 through Friday, February 2, 2024
Tucson Convention Center, West Meeting Rooms 201-203
Gary Roskin, emcee

A Conversation on the State of the Gemstone Industry and the Challenges Facing the Industry

Presented by Martin Rapaport, Chairman, Rapaport, and John W. Ford Sr., CEO, American Gem Trade Association

Wednesday, January 31, Meeting Room 201-203

9:00 – 9:55

A discussion on the current state of the gemstone industry exploring such topics as the increased demand for natural-colored gemstones and pearls, market conditions, and regulatory issues affecting both the wholesale and retail industry sectors.

Redefining Responsible Sourcing

Presented by Jason Marchiafava, CEO & Founder, Kevin Croos Lambert, Co-Founder & President, JFAVA High Jewelry / The J.Fava Project / Peacock Gems

Wednesday, January 31 Meeting Room 201-203

10:00 – 10:55

The J.Fava Project is a Sapphire & Jewelry startup company with mining interests in Sri Lanka founded on the principles of complete transparency and giving back to the community of Artisanal miners directly located in the region of origin. The founders will present inspirational ideas on how to inspire affective and homegrown responsible sourcing methods for niche supply chains.

A Canary in the Ruby Mine: Low-Temperature Heat Treatment Experiments on Burmese Ruby

Presented by Billie Hughes, Gemologist, Lotus Gemology, Bangkok, and Wim Vertriest, Manager, Field Gemology, GIA Bangkok

Wednesday, January 31 Meeting Room 201-203

11:00 – 11:55

One of the challenges facing gemologists today is the rise of low temperature heat treatment in ruby and sapphire. Lotus Gemology's Billie Hughes and GIA's Wim Vertriest have conducted heat treatment experiments on Burmese ruby to record changes that can aid gemologists in treatment detection. In this talk, they will share the data from these

experiments, including before-and-after photomicrographs, spectroscopy, and fluorescence results.

Colored Gemstones Link People and Places: Colored Gemstones Link People with Places

Presented by Hayley Henning, Hayley Loves Color, Inc
Wednesday, January 31 Meeting Room 201-203

1:00 – 1:55

Hayley Henning is the former CCO of Greenland Ruby, and Executive Director of the Tanzanite Foundation. Her career has taken her from the depths of the deepest mine shafts in Africa, to the icy mountainous landscape in remote Greenland, where she's worked closely with the gemstones that come exclusively from these locations. 'Colored Gemstones Link People with Places' will be fun and informative, and an insight into how colored gems are such great storytelling opportunities, driving desirability and business growth. Hayley will also talk about current trends and changes that are shaping the way our treasured gems find their way into the marketplace.

The Innovation of CAD in the Jewelry Industry

Presented by Christopher Mendola, New Approach School for Jewelers
Wednesday, January 31 Meeting Room 201-203

2:00 – 2:55

CAD software such as Matrix Gold and ZBrush has had a significant impact on creativity, innovation, and productivity for the jewelry industry. Explore the newest trends that allow designers to push the boundaries of what is possible allowing for more stunning designs with improved productivity.

AGA Conference

AGA - Accredited Gemologists Association
50th Anniversary Gala & Conference
University Marriott - Tucson, Arizona

Insights into the Smithsonian's National Gem and Mineral Collection

Gabriela Farfan, Ph.D. (Smithsonian)

The natural pearl beds of Bahrain

Fatima Almahmood (Research Scientist at DANAT The Bahrain Institute for Pearls and Gemstones)

Updates on fancy shape cut research

Al Gilbertson (GIA Laboratory, Carlsbad, CA)

The identification of sapphires from Mogok (Myanmar)

Rachelle Turnier, Ph.D., Expert on corundum

Exploring forgotten gemstone designs observed through antique jewelry and art

Justin K. Prim, Author and lapidary historian

Introducing the use of the online resources for gemological data and education through an interactive session

Jolyon Ralph, Founder of gemdat.org and mindat.org

Tucson Gems & Fine Minerals Show

'Unravelling Conditions of Crystallization of Native Gold'

DAVID MUSTART

2pm

THURSDAY FEBRUARY 1st

AGTA Elevated Seminars

Current Trends and The Near-Term Outlook for the Gemstone Market

Presented by Stuart Robertson President, Gemworld International, Inc. and Brecken Branstrator, Editor in Chief, GemGuide

Thursday, February 1 Meeting Room 201-203

9:00 – 9:55

This presentation will examine current strengths and weaknesses in the colored stone market. We will explore supply levels and how marketing of supply chain practices is changing the price structure of gem materials in the international market. Attention will also be given to the economic and geopolitical conditions influencing spending in the luxury markets. The talk will conclude with our forecast of the gem varieties attracting smart money in 2024.

Sticky Business! The Growing Challenge of Oiled Gemstones and How to Detect

Presented by Richard Hughes, Founder, Lotus Gemology Co. Ltd.

Thursday, February 1 Meeting Room 201-203

10:00 – 10:55

The colored stone business today is awash in oiled gems, but few are aware of the widespread proliferation of this treatment and, most importantly, the remarkable transformation in appearance it may produce. In this program, Richard will demonstrate how the oiling of gemstones other than emerald is now extremely common and how it flies under the radar of many gem labs around the world. He will also detail simple techniques that can be used by any gemologist to detect this fraud.

Gemological Applications of Basic Spectroscopy Techniques in Everyday Laboratory Practice

Presented by Alberto Scarani, GG IGI, MAGILABS.

Thursday, February 1 Meeting Room 201-203

11:00 – 11:55

Technological progress in every field has impacted our industry, new synthetics and treatments are posing serious challenges for us as gemological professionals and an update of knowledge and instrumentation is needed to prevent expensive and liable mistakes. Unfortunately, the standard techniques and instrumentation we have used in the past are no longer enough.

Today, UV-Vis-NIR, FTIR, Raman/PL, and Fluorescence spectroscopy are considered standard equipment in gem laboratories, and in certain cases, even other more advanced instrumentations like EDXRF, LIBS, and LA-ICP-MS are required. Of course, the instruments themselves are only 50% of the equation, and reliable databases play a more-than-critical role in validating the results obtained. An integral part of updating the knowledge that we require involves learning and becoming acquainted with various instruments and their gemological applications. This seminar will primarily concentrate on the profound impact these techniques have had on the day-to-day tasks of gemologists, as well as the challenges that can be effectively addressed through their utilization.

Pioneering the American Faceting Movement

Presented by Justin Prim, Magus Gems

Thursday, February 1 Meeting Room 201-203

1:00 – 1:55

In this presentation, lapidary history chronicler and author Justin K Prim will take us on a journey through time. Using archival photos and documents, Justin will reveal the roots of gemstone cutting in America. Beginning in the 1890's, we will see rare photos of America's early faceting pioneers and their experimental machines. We will follow the rise of the lapidary community on both the East and West coasts and try to discover who invented the first mast machines that went on to inspire today's modern faceting technology.

Justin will lead us through the Great Depression and two World Wars in order to witness the community develop from a dozen interested hobbyists sharing handwritten letters to several thousand people organized into lapidary clubs all over North America. This is a previously untold story that will give new insights into the unique early origins of today's lapidary clubs and the community of American faceters that it birthed.

Burger King or Burger Duke? – The fascination of Crowns, Coronets and Tiaras

Presented by Lady Kerry Gregory, Gemmology Rocks

Thursday, February 1 Meeting Room 201-203

2:00 – 2:55

Should it be Burger King or Burger Duke? Kerry Gregory will explain the difference between a Crown, a Coronet and Tiara, so you know!

Tucson Gems & Fine Minerals Show

'The History of The Tucson Gem and Mineral Show'

LES PRESMYK

11am

'Transforming Mineral Collecting: From Passion to Market, Knowledge Transfer, and the future Role of the Munich Show'

CHRISTOPH KEILMANN

2pm

FRIDAY FEBRUARY 2nd

AGTA Elevated Seminars

Gemology as an Evolving Science

Presented by James Shigley, Distinguished Research Fellow, Gemological Institute of America, Carlsbad, California
Friday, February 2 Meeting Room 201-203

9:00 – 9:55

Readers of gemological journals will recognize that gemology is becoming a more technical science in terms of the methods and techniques used to study gems. This presentation will be a brief look back on gemological research, and will then consider where that research is today and where it might be heading in the future to address challenges in characterizing gem materials to support the jewelry trade.

Challenges and Opportunities in Responsible Gemstone Supply Chains

Presented by Nicole Smith, Associate Professor in Mining Engineering at the Colorado School of Mines, Jenna White, Research Scientist, Kimberly Collins, President/Owner, Kimberly Collins Colored Gems, President, AGTA, John Ferry, Founder, Prosperity Earth, Bruce Bridges, President, Bridges Tsavorite, 1st Vice President, AGTA, John W. Ford Sr., CEO, AGTA.

Friday, February 2 Meeting Room 201-203

10:00 – 11:55

In this session, we will discuss challenges and opportunities in creating and ensuring responsible gemstone supply chains. The first portion of the session will report on field data collected over the past several months from select gemstone mining sites. During the second portion of the

session, we will hear from gemstone miners themselves and learn from their experiences in the field.

Colored Exclusive Dazzling Dialogues: Colorful Tales and Trade Secrets from Gemstone Aficionados

Panel Discussion Moderator: Shelly Sergent, Curator, Somewhere In The Rainbow

Panelist: Erica Courtney, The Courtney Collection, Kimberly Collins, President/Owner, Kimberly Collins Colored Gems, President, AGTA, Cynthia Renee Marcusson, Cynthia Renee., Inc.

Friday, February 2 Meeting Room 201-203

1:00 – 2:25

Discover the art of infusing luxury and legacy into your retail space with the allure of colored gemstones. Join an exclusive panel of esteemed gemstone connoisseurs and jewelry artisans who have carved their niche in the vibrant world of colored stones. Our distinguished panelists bring a treasure trove of experience, from the heart of the mines to the pinnacle of red-carpet glamour.

In a marketplace where originality and quality reign supreme, our conversation will focus on empowering retail jewelers with knowledge and strategies to captivate clients, foster enduring relationships, and maximize sales. Engage with stories of passion, dedication, and innovation that have shaped their journeys and prepared them to inspire and mentor the next generation of jewelers and gem enthusiasts.

Don't miss this opportunity to enrich your understanding and spark a renaissance of passion and profitability in your business with the enchanting world of colored gemstones. Get ready to be enthralled and equipped to turn each client encounter into a narrative of romance, strength, and exclusivity.

Pearl Power: The Historical Gem that Modern Collectors Covet

Panel Discussion Moderator: Jennifer Heebner, Editor in Chief, AGTA, Executive Director & EIC, CPAA, Contributor to Rapaport, GemGuide, and INSTORE, Project Manager, INSTORE Design Awards

Panelist: Gina Latendresse, President, American Pearl Company, Inc., Carlos Chanu, Owner, PCD Pearls, Fran Mastoloni, Mastoloni Pearl, Mark Schneider, Mark Schneider Design

Friday, February 2 Meeting Room 201-203

2:30 – 3:55

Key members of the pearl industry come together to talk about the organic gem's history, current marketing conditions, and ongoing popularity.

Tucson Gems & Fine Minerals Show

AUCTION

WITH HERITAGE AUCTIONEERS IN AID OF BREAST CANCER

2pm

‘Amethyst and Calcite Treasures’

GENE MEIERAN

3:30pm

HARVARD EVENING

5pm

GIA Learn In-Person in Tucson

Join GIA experts in an intimate classroom setting inside the Alfie Norville Gem & Mineral Museum to gain expert insights and practical experience evaluating pearls.

Value Factors, Varieties & Classifications of Pearls

1pm – 4pm

Enhance your expertise in pearl evaluation through hands-on learning in a laboratory-class setting. You’ll handle a variety of pearls and practice trusted and reliable assessment techniques.

SATURDAY FEBRUARY 3rd

Tucson Gems & Fine Minerals Show

‘The Value of Museums’

GENE MEIERAN

2pm

GIA Learn In-Person in Tucson

Join GIA experts in an intimate classroom setting inside the Alfie Norville Gem & Mineral Museum to gain expert insights and practical experience evaluating Montana sapphires.

Montana Sapphires: History, Gemology & Identification

9am – 12pm

Dig deep into the storied sapphire mines in Montana and study the inclusions that can indicate origin under the guidance of Dr. Aaron Palke, GIA Senior Manager of Colored Stone Research.

SUNDAY FEBRUARY 4th

Tucson Gems & Fine Minerals Show

LADIES DAY
10:30am – 3:30pm

'Women in Mining'
DIANA ATIENO
12pm

'Gail Spann's Mineral Favourites'
GAIL SPANN
2pm

AMERICAN MINERAL HERITAGE AWARD
6:30pm - 8pm

MONDAY FEBRUARY 5th

Tucson Gems & Fine Minerals Show

'Perspectives of Historical and Current Collecting Strategies of Tsumeb'

GEOFF KRASNOV/NEAL LUPPESCU
11am

'Tsumeb: Putting the Pinch and Feinglos Collections to Work'

MALCOLM SOUTHWOOD/ RAQUEL ALONSO-PEREZ/ FRANK
KEUTSCH
2pm

TUESDAY FEBRUARY 6th

Tucson Gems & Fine Minerals Show

POP UP SHOW PAULA CREVOSHAY
10am - 6pm

'Crevoshay - Wear the Light. Live in Beauty'

PAULA CREVOSHAY
2pm

WEDNESDAY FEBRUARY 7th

Tucson Gems & Fine Minerals Show

'Vanadinite - Field Collecting in Western Arizona'

MARK HAY

11am

FRIDAY FEBRUARY 9th

Tucson Gems & Fine Minerals Show

'Spotlights from the Young Mineral Collectors'

TAMA HIGUCHI-ROOS

2pm

YOUNG MINERAL COLLECTORS

SPONSORED BY STUART WILENSKY/ HERITAGE AUCTIONS/ BRYAN
LEES

6:30pm - 9pm

Numerous Seminars to take place at the TGMS – see link below!

TUCSON SHOWS

<https://www.visittucson.org/tucson-gem-mineral-fossil-showcase/>

RGNR Recommended Individual Shows

(listed by show opening date)

JOGS Gem & Jewelry Show

JOGS Gem & Jewelry Show

Tucson, Arizona, USA

– January 24 – February 4, 2024

The 22nd Street Show (Tents)

The 22nd Street Show (TENTS)

600 West 22nd Street
Tucson, AZ
– January 25 - February 11, 2024

The Pueblo Gem & Mineral Show
The Pueblo Gem & Mineral Show
Tucson, Arizona, USA
– January 25 – February 6, 2024

Tucson Fine Mineral Gallery
Tucson Gem & Fine Mineral Show
Tucson, Arizona, USA
– January 26 – February 10, 2024

GeoWorld
GeoWorld
Mineral and Fossil Gallery Co-Op
1635 North Oracle Road
Tucson, Arizona 85705
– January 26 – February 11, 2024

Westward Look
Westward Look
Tucson, Arizona, USA
– January 27 – February 5, 2024

AGTA GemFair
AGTA GemFair
Tucson, Arizona, USA
– January 30 – February 4, 2024

Gem & Jewelry Exchange GJX
Gem & Jewelry Exchange GJX
Tucson, Arizona, USA
– January 30 – February 4, 2024

THE 69th Tucson Gem & Mineral Show TGMS
THE 69th Tucson Gem & Mineral Show TGMS
Tucson, Arizona, USA
– February 8-11, 2024