



Gemmological
Research
Industries Inc.

TUCSON SHOW 2023 BRANKOGEMS ACADEMY WORKSHOPS

Branko Deljanin – B.Sc, GG, FGA, DUG

“Screening and ID of Lab-grown Diamonds with Standard Instruments”

February 3rd, 2023 8.30am-12.30pm MT, AGTA Tucson Show, Mohave room

Half Day Workshop with samples and standard instruments: US\$300 (euros)

Most popular workshop presented at 17 countries and 4 continents, now at Tucson.

- Characteristics Colourless and Coloured Natural diamonds
- Inclusions in Natural and Synthetic diamonds
- UV lamp – reaction of different diamonds, loose and mounted
- Cross Polarised Filters–screening type IIa lab-grown and type Ia natural
- Post treatments of CVD-grown and HPHT-grown diamonds
- ID of HPHT and CVD diamonds using combination of instruments
- Problems and solution in ID of melee/mounted synthetic diamonds

Participants will receive “Letter of Attendance” signed by Branko Deljanin.

Branko Deljanin is President at CGL Canadian Gemlab in Vancouver. He is a research gemologist with extensive experience in advanced testing of diamonds and gemstones to determine origin of color. Branko is instructor of “Advanced Gemology” on-line and practical programs on diamonds and coloured stones



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Dr Lore Kiefert – FGA

Introduction to Gem Analysis of the Big 3: Emerald, Ruby and Sapphire

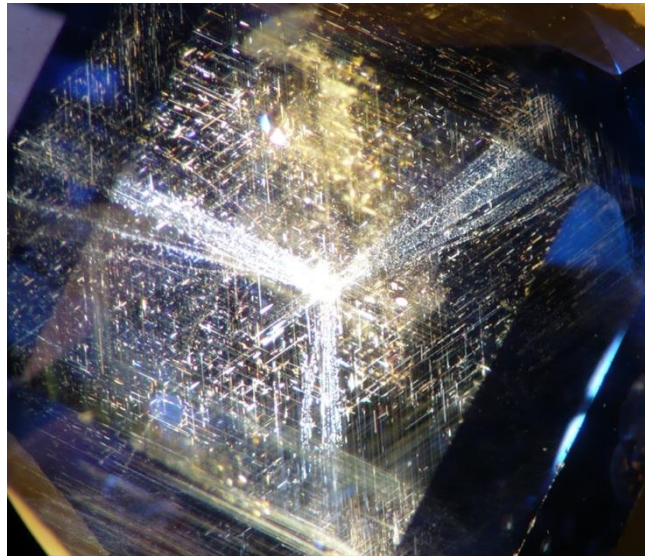
February 3rd, 2023 1.30-5.30pm MT, AGTA Tucson Show, Mohave room

Half Day Workshop with samples and standard instruments: US\$300 (euros)

½ day workshop on the use of standard instruments for the identification of natural vs. synthetic gems, as well as treatment detection. The workshop will concentrate on differences between natural, hydrothermal synthetic and flux-grown synthetic emeralds, the detection of oil or resin treatments in emerald, various synthetic corundum vs natural corundum, detection of oil treatment, heat treatment, lead glass filling, diffusion in corundum. Some clues on the association of a specific treatment and certain origins are given.

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Dr Lore Kiefert started her career in the 1980s when she was introduced to gemology during her mineralogy studies. In 1994, she joined the SSEF Swiss Gemmological Institute where she became Director of the Coloured Stones Department. In 2005, Dr. Kiefert moved to New York to head the AGTA Gemmological Testing Center and returned to Europe to join the Gubelin Gem Lab as Chief Gemmologist in 2009. In 2020, she opened her own consulting company.



FULL DAY BRANKO + LORE WORKSHOPS: US\$500

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