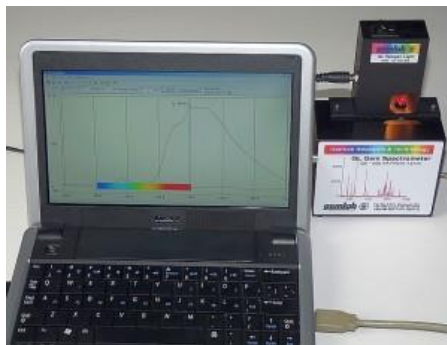


GEM 250 GEM IDENTIFICATION II (Advanced) offered in Vancouver, November 10 – 13, 2018



Up-date course for A.G. (C.I.G.) diploma holders and graduates of other schools and institutes

In this advanced three ½-day course students will learn state-of-the-art techniques (including immersion-scope, gemstone magnetism, IR-VIS-NIR and Raman spectroscopy), etc. designed to identify confidently any gemstone encountered in the market place. Between 100 and 120 challenging gems including the most recent synthetic diamonds are available for testing. Max 5 participants.

- Fee: Can\$ 1,495 for Canadian residents (for non-residents US\$ 1,150 includes \$ 100 fee/taxes) includes comprehensive study guide (with copy of Gemstone Inclusion Library), use of lab equipment and study stones.
- GEM 250 – 6: Sat – Tue, November 10 - 13, **10:00 a.m. – 5:30/12:15 p.m. Register by October 15, 2018**
- Location: Sandman Signature Hotel - YVR, Richmond B.C. (special room rate).
- To keep costs down no lunch or beverage services are offered, lunch break 12:15 – 12:45 p.m.

Here a brief list of man-made gems in our study collection: Chatham, Kashan, Ramaura, Knischka, Lechleitner, Regency, Biron, Lenix, Gilson, Tairus rubies, sapphires, emeralds, alexandrite, opal, moissanite, synthetic diamonds CVD and HPHT grown and treated, many other samples. Gem enhancement techniques such as polymer impregnation (jadeite), heat-alteration, surface colour diffusion, irradiation, HPHT and glass filling are studied.

GEM 350 Advanced Spectroscopy Workshop offered in Vancouver, November 13, 2018

This advanced course is an introduction into spectroscopy using the GL Gem Spectrometer and GL Gem Raman PL532 system; participants are expected to have a basic understanding of spectroscopy and its application in gemmology.

- Using PowerPoint presentations the development and use of advanced spectrometers is introduced.
- Learning step-by-step testing method using the GL Gem Spectrometer/Raman software and searchable database.
- *Practical testing of a number of interesting gem materials under supervision of the workshop facilitator; most up-to-date information on synthetic diamonds including CVD, HPHT and irradiation treatments and their detection.*
- Fee: Can \$ 395 for Canadian residents (for non-residents US\$ 360 incl. \$ 60 fee/taxes)
- GEM 350 – 3: Tuesday, November 13 from **12:30 - 6:00 p.m.** (5 1/2 hours). **Register by October 15, 2018**

To register contact:



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