



Advanced Coloured Stones: Emerald, Ruby, Sapphire, Jade

April 26, 2019, Boardroom 451, 409 Granville Street

Instructor: Branko Deljanin, B.Sc., GG, FGA, DUG

Topics covered:

Cause of Color in Gemstones

Treatments of Gemstones

EMERALD

Synthetic Emeralds

Identification of Fracture Filled Emeralds

Characteristics of Emeralds from different sources

RUBY and SAPPHIRE

Synthetic rubies and sapphires

Heat Treatments of Ruby and Sapphire

Heat Treatments with Chemical Elements

Characteristics of Rubies/sapphires from different sources

JADE

Sources of Nephrite and Jadeite Jade

A, B, C Jade

Identification of Polymer Jade by FTIR

Identification of Dyed Jade with Microscopy

Identification of Jade imitations

Use of Advanced Instruments in Detection of Synthetic gems

Certification of major gems at gem labs

Cost: \$400 + gst

To register please contact Robynn Sagert at robynn@cglgrs.com or 604-687-0039