

GIT 2008 Keynote Speakers:

Vichai Assarasakorn , President of Thai Gem and Jewelry Traders Association

"An overview and outlook of Thai gem and jewelry business and its competitiveness in world market"

Massimo Zucchi , CEO Massimo Zucchi Design

"Globalization and identity of project"

Joerge Fischer-Buehner , Legor Group Srl, Italy & Indutherm GmbH, Germany

"Palladium casting for jewelry"

Greg Devison , Vice President Exploration, True North Gems Inc.

"Rubies on ice -Greenland gemstone exploration makes the grade"

Salim S. Salim , Head of Mineral Economics & Trade, Ministry of Energy and Minerals, Tanzania

"Opportunities for Gemstone and Jewelry Industry Investments in Tanzania"

GIT 2008 Presenters:

Marketing/Design/Policy and Standard

Krittinee Nuttavuthisit

"Strategic marketing in emerging Markets: the next bite after the Hamburger Crisis"

Veerawat Sirivesmas

"The new era of jewelry design in Thailand"

C.K. Cheung

"Standardization, accreditation and legalization of Fei Cui (Jadeite Jade) and diamond testing in Hong Kong"

Duncan Parker

"Trends in rare gems and jewels"

P.G.R. Dharmaratne

"Legal procedures for gem mining and sales in Sri Lanka"

Farah Zarouni

"Bareeq certification: promoting and encouraging excellence in the jewelry trading business"

Gamini Zoysa

"The Sri Lankan gem industry : an update"

Lore Kiefert

"The American ban on Burmese ruby, implications for the trade and alternative sources"

Chackrit Duangphastra

"Challenges of trade liberalization on gems and jewelry industry"

Surin Intayot

"The study of gemstone cutting and polishing technique in Chantaburi province"

Gurgen Mushegh

"Jewelry (gemstones) and ornamental stones of Armenia"

Pongchan Chandayot

"The study of the trade names for certain important gemstones in Thai market"

Precious Metal/Jewelry

Tawsaporn Nuchanong

"Gold potentials of Southeast Asia region"

Hubert Schuster

"Stone-in-place casting for high end jewelry"

Kageeporn Wongpreedee

"The progress of purple gold products and its science approach"

Roberto Falisi

"Master alloys for silver casting"

Sujittra Srisung

"Nickel release from costume jewelry in the Thailand market"

"Refining techniques of purple gold"

Boonrat Lohwongwatana

"Precious metallic glasses –an emerging material for the jewelry industry"

Supitcha Supansomboon

"Purple gold coating"

Panphot Sadboonlue

"The microstructure of So, Ni, Co, Zn addition elements in AuAl₂"

Synthetic and Treatment

Anita Colders

"How colour treatments and synthetic diamonds evolved"

Claudio Milisenda

"A study on treated red labradorite-andesine feldspars"

Boontawee Sriprasert

"The heat-treatment experiments of red spinel from Myanmar"

Chakkaphan Sutthirat

"Experimental Heat Treatment of Sapphire from Awissawella Deposit, Sri Lanka"

Pearl and Organic

Henry Hänni

"The different kinds of cultured pearls"

Analia Soldati

"Pearl micro- and nanostructure, mineralogy and composition: factors affecting quality and provenances"

"Pigments in vaterite in freshwater cultured pearls: a micro Raman spectrometry study"

Sutas Singbamroong

"Engraved cultured pearls"

Kenneth Scarratt

"The legendary Nautilus Pearls"

Margherita Superchi

"Jet, a black gem material still in fashion, some data from CISGEM Laboratory"

Ahmadjan Abduriyim

"The ¹³C NMR and FTIR spectral analysis of so-called 'Green Amber' "

Nick Sturman

"Real time microradiography as a gemological tool"

Ursula Wehrmeister

"computerized x-ray micro tomography: a non-destructive insight into the internal structures of pearl"

"Vaterite influences luster and quality of freshwater cultured pearls"

Gem Identification and New Techniques

Jin-Gyo Seo

"A new approach to the effects of electron-beam irradiation and annealing on the optical properties of yellow diamonds"

"Effects of boron implantation on the color variation of diamonds"

Michael Krzemnicki

"Advanced gemstone testing: an outlook into the future"

Yong Kil Ahn

"A photoluminescence study of the alexandrite effect"

Dominic Mok

"The application of advanced instruments on testing different colours of Fei Cui (Jadeite Jade)"

Wolfgang Hofmeister

"Elucidating the material properties of gem minerals: topological analysis of basic and dynamic crystal structures"

Bhuwadol Wanthanachaisaeg

"Detection of heat treatment in rubies and sapphires from Ilakaka"

Tobias Haeger

"Classification of water types in structural channels of beryl by means of Raman spectroscopy"

Tay Thye Sun

"Moldavite: natural or imitation"

Walter Balmer

"Mineralogical and physical properties and thermal instability"

"Empiric determination of cleaning agents applied during the preparation procedure of corundum rough"

Richard Hughes

"Downtown: hunting gems in southern Tanzania"

Sudarat Saeseaw

"Separating natural spinels from flux-grown synthetic spinels and non-heated from heated natural spinels"

Hyun Min Choi

"Photoluminescence of the HPHT processed natural Type Diamonds"

Gogan Choudhary

"Various remarkable stones tested at the gem testing laboratory of Jaipur, India"

Nantharat Bunnag

"Ti distribution in colour-zoned sapphire"

Duncan Parker

"The new approach to the teaching and the use of the refractometer"

Olga Balitskaya

"Gemological tests for distinguishing of natural and synthetic varieties of quartz and opal"

Somruedee Satitkune

"Orientation of single crystal mineral inclusions in diamonds and pressure differences between host C"

Jong-Wan Park

"Comparative study of Cr³⁺ diffusion in proton and electron irradiated chrysoberyl"

Thenong Leelawatanasuk

"Inclusions in rubies from Winza, Tanzania"

Pisutti Dararutana

"Spectroscopic analysis of gem glass samples fabricated from local raw materials"

Wilawan Atichat

"Beryllium-treated light-colored sapphires from Illakaka"

Kanitta Jaijong

"TEM investigations of inclusions in sapphire samples from Sri Lanka"

Marina Epelboym

"The characterization of some interesting low quality natural colored diamonds"

J Wolf Kuehn

"UV-LEDs - setting a new standard for fluorescence observations"

Rak Hansavake

"Yellow Coloration in Gem Corundum: A Thai Innovation"

Gem Deposit and Source of Origin

Karl Schmetzer

"Colour-change garnets from Madagascar"

Visut Pisutha–Arnond

"Almandine garnets from Lao PDR"

Abdulla Al Muaini

"Tibetnite (Labradorite feldspar) from Tibet"

Dietmar Schwarz

"Ruby and sapphire deposits related to basaltic rocks: a review/update"

Panjawan Thanasuthipitak

"Trace element contents and colour tones in blue sapphire of basaltic affiliation"

Tran Anh

"Influence of mantle – crust interactions on the origin of sapphires and zircons from Cenozoic basalt"

Seriwat Saminpanya

"Mineral inclusions and coexisting minerals of Thai gem corundums suggesting the different origins be"

Jayshree Panjekar

"Chatoyancy and hexagonal zoning in 3.713kg ruby from Karnataka, India"

Laurent Massi

"Origin of the alexandrite effect in color changing corundum"

Kamolwan Thirangoon

"Ruby from Aappaluttoq, Greenland"

Panjai Saraphanchotwithaya

"Corundum localities in Phrae-Sukhothai; is it alive?"

"The Chalcedony localities in Lopburi and Kanchanaburi provinces"

U Tin Hiaing

"Spinel from Ywathit deposit, Kayah state, Myanmar"

Chakkaphan Sutthirat

"Pyrope-Spessartine Garnet from Chawia Mine, Taita Hills, Kenya"

Tawatchai Chualaowanich

"Genetic constraints of Siamese ruby: evidence from ruby-bearing Xenoliths and a new $^{40}\text{Ar}/^{39}\text{Ar}$ age of"

"New sites of ruby-bearing Xenoliths and eruption age constraint of the host basalts in SE Kenya"

Bhuwadol Wanthanachaisaeg

"Metamictization of Zircon in corundum-bearing basalt in Bangkacha, Chanthaburi, Thailand"

Prachuporn Maneeratanasarn

"What is really responsible for the dark core of Mong Hsu ruby?"