

# Seminar Schedule - Tuesday, 15th December, 2015

11:00 am to 01:00 pm

PANEL DISCUSSION : DETECTION - CURRENT & FUTURE

MODERATOR



**PRANAY NARVEKAR**

Pranay Narvekar, partner at the management consulting company Pharos Beam Consulting LLP, has emerged as a leading expert on many of the crucial strategic, financial and structural problems facing the diamond industry pipeline. His experience covers Strategy Development and Business Planning, Retail Supply Chain, Information Technology, Program Management for large roll-outs, etc. He will be managing the MyKYCbank project for GJEPC.

KEYNOTE SPEAKERS



**DETECTION OF SYNTHETIC DIAMONDS : THE CURRENT SITUATION  
DR. PHILIP MARTINEAU, IIDGR**

Philip Martineau is Senior Manager Physics at De Beers Technologies UK. He earned a D. Phil. in solid state physics from Oxford University and joined De Beers in 1990 after periods of research at the Universities of Chicago and Cambridge. For many years he has been heavily involved in a research programme focused on providing knowledge and instruments to allow synthetic diamond and treated diamonds to be identified and clearly distinguished from natural untreated diamonds.



**ADVANCES IN CVD TECHNOLOGY & ASSOCIATED CHALLENGES FOR DETECTION  
WUYI WANG - DIRECTOR OF RESEARCH & DEVELOPMENT, GIA**

Dr. Wuyi Wang is director of Research and Development in the Gemological Institute of America. He holds a Ph.D. in mineralogy, experimental petrology, and geochemistry from the University of Tsukuba in Japan. Dr. Wang is widely published in gemological and geological magazines; he has been recognized with numerous awards and honors.



**COLOURED DIAMOND DETECTION & IDENTIFICATION OF LAB GROWN DIAMONDS  
DR. THOMAS HAINSCHWANG, GGTL**

Dr. Thomas Hainschwang is managing director and researcher at the Liechtenstein branch of GGTL Laboratories in Balzers/Liechtenstein. Dr. Hainschwang has developed and built many analytical instruments. His most recent invention is the so-called DFI fluorescence imaging and spectroscopy system which is used to screen parcels of melee diamonds for synthetic and also treated diamonds.



**TESTING OF MELEE SIZES & LARGE THROUGHPUT  
JEAN-PIERRE CHALAIN, SSEF**

Jean-Pierre Chalain joined the Swiss Gemmological Institute SSEF in 1994 and is currently deputy director of the Institute and director of its diamond department. Jean-Pierre Chalain is also the project manager and head of development ASDI - Automated Spectral Diamond Inspection - at SATTGEMS, a subsidiary of SSEF that develops and sells the ASDI machine for authenticating large quantities of melee-sized diamonds at high speed and low cost.

02:00 pm to 03:00 pm

03:30 pm to 04:30 pm

05:00 pm to 06:00 pm



**COMPARISON BETWEEN NATURAL AND MAN-MADE DIAMONDS  
SEEMA ASHISH ATHAVALE - CHIEF GEMOLOGIST, GSI**

With over a decade of experience in the diamond, pearl and gemstone industry, Seema has acquired an extensive technical understanding of the field. Her vast and relevant qualifications have enhanced her knowledge on various fields, ranging from study on Pearl, Diamond Grading, and Techniques in Marine Water Pearl Culture to Gemstone courses from India and overseas. At GSI, Seema is mainly responsible for the research, growth and also identifies new business avenues for the business.



**ASDI AUTOMATED SPECTRAL DIAMOND INSPECTION: A SOLUTION FOR THE INDUSTRY TO ANALYSE AND AUTHENTICATE COLOURLESS MELEE DIAMONDS AT HIGH SPEED  
JEAN-PIERRE CHALAIN, SSEF**

Jean-Pierre Chalain joined the Swiss Gemmological Institute SSEF in 1994 and is currently deputy director of the Institute and director of its diamond department. Jean-Pierre Chalain is also the project manager and head of development ASDI-Automated Spectral Diamond Inspection - at SATTGEMS, a subsidiary of SSEF that develops and sells the ASDI machine for authenticating large quantities of melee-sized diamonds at high speed and low cost.



**INFRA-RED SPECTROSCOPY - PERFECT TOOL FOR DIAMOND CLASSIFICATION FROM MELEE TO MM DIMENSIONS  
KAUSHAL SHARMA REGIONAL MANAGER, BRUKER OPTIK**

Kaushal Sharma has more than 18 years of experience in Analytical Instrument field. He has a vast experience Molecular Spectroscopy field consisting of Infra-Red, Raman and NIR spectroscopy. He has further worked extensively in the field of Diamond applications using Infra-red spectroscopy. His skills to interpret the classification of Diamonds based on IR spectrum benefits the users to understand Infra-red Technology in an easy way.

# Seminar Schedule - Wednesday, 16th December, 2015

10:30 am to 01:00 pm

PANEL DISCUSSION : SYNTHETIC DIAMONDS - IMPLICATIONS FOR THE INDUSTRY

MODERATOR



**NILESH HUNDEKARI**

Neelesh is a Partner with A. T. Kearney, India and leads the Gems and Jewellery practice globally and the specialty retail practice in Asia. He is a global expert in the Gems and Jewellery, Luxury and Lifestyle industries and has advised large corporations and industry bodies across the world on strategic and transformational issues. He has a very deep understanding of the global value chain in these industries and has authored several prestigious studies of the gems and jewellery, luxury and lifestyle industries along with industry bodies such as GJEPC, CII and FICCI. He sits on the CII Core Committee on Luxury and Lifestyle and the CII National Committee on Textiles.

KEYNOTE SPEAKERS



**RUSSELL MEHTA - VICE CHAIRMAN, GJEPC**

With more than 30 years of experience in the diamond industry, Mr. Russell Mehta transformed a family run business into a professionally managed organization. Russell has extensive experience in various areas of business management at local and International levels - from strategic planning to tactical execution. Currently he is the Managing Director of Rosy Blue (India) Pvt. Ltd. and responsible for all Rosy Blue group companies in India.



**ASHISH MEHTA - CONVENER NDMC, GJEPC**

Ashish K. Mehta is a partner of M/s. Kantilal Chhotalal, one of the leading players in Diamond and Jewellery industry. Educated in Mumbai and the US, Ashish has been associated with several trade bodies in India. He is the Convener of the recently formed Natural Diamonds Monitoring Committee, set up by GJEPC in association with other trade bodies such as Bharat Diamond Bourse, The Gem and Jewellery Federation and Mumbai Diamond Merchants Association. Ashish has been a speaker at various forums, including Financial Times conference in London and the 1st and the 3rd Mines to Markets conference in Mumbai.



**ANOOP MEHTA - PRESIDENT, BHARAT DIAMOND BOURSE**

After entering the family run business at a young age, Mr. Mehta has been actively involved in promoting and developing the diamond industry for more than 30 years. As President of the BDB, a non-profit making company providing world class facilities to the diamond trade in India, a post he has held since 2003, Mr. Mehta has been actively involved in the strategic planning and development of the project. Mr. Mehta has also been associated with The Gem & Jewellery Export Promotion Council for many years and is on the committee of the Diamond Exporters Association Limited (DEAL).



**C K VENKATARAMAN - CEO JEWELLERY, TITAN COMPANY LIMITED**

After working in the advertising industry for 5 years, Venkat joined Titan in 1990. For the next 15 years, he held various responsibilities in marketing and sales in the Watches division of Titan. In 2005, he moved over to head the Jewellery division of Titan. Venkataraman holds a postgraduate diploma in management from the Indian Institute of Management, Ahmedabad.



**THOMAS M. MOSES - EXECUTIVE VICE PRESIDENT AND CHIEF LABORATORY AND RESEARCH OFFICER, GIA**

Moses earned his Graduate Gemologist (GG) diploma at GIA's West Los Angeles campus in 1976 and began work at the GIA Laboratory in Santa Monica in 1977. In November 2002, Moses received the Richard T. Liddicoat Award for Distinguished Achievement, the Institute's highest honor. Mr. Moses has headed some of GIA's most critical identification and research projects and co-authored many articles for the Institute's award-winning journal, Gems & Gemology. In October 2005, Mr. Moses was named Senior Vice President of the GIA Laboratory and Research.

01:30 pm to 02:30 pm

03:00 pm to 04:00 pm



**SCREENING AND DETECTION OF LAB GROWN DIAMONDS  
ELLEN BARRIE, HRD ANTWERP**

After graduating with a Master of Science degree in Geology, Ellen Barrie started working as a research scientist at HRD Antwerp. During her studies, she developed a large interest in the fascinating world of gemstones. Nowadays she works on the characterisation and detection of lab-grown and colour treated diamonds. The title of her talk will be: Screening and detection of lab-grown diamonds



**Thomas M. Moses**  
Executive Vice President and Chief Laboratory and Research Officer, GIA



**WUYI WANG**  
Director of Research & Development, GIA

\* Profile in mention above