October Webinars (1h + questions)

Authors are proud to announce finalizing the 3rd edition of their best-selling book “LABORATORY-GROWN DIAMONDS - Information guide to HPHT and CVD -grown diamonds” in collaboration with contributing eminent authors, that we will present in 7 webinars.

WEBINAR 1: October 15th at 8.00pm PT (Vancouver, LA), 11.00pm New York, October 16th 8.30am in Mumbai, 11.00am in Hong Kong and 1.00pm in Sydney we will have LIVE conversation with CVD engineer Malay Hirani, India, on chapter he wrote for our book ‘CVD Diamond Production: an Overview’ focusing on CVD diamond production, type and cost of reactors to start factory.

A typical lab-grown diamond facility requires Process Tools, Utilities, a Clean Room, and Post-processing (e.g. Laser, Annealing) and Pre-processing set-up (e.g. Seed Preparation Bench). The complexity involved in selecting the right reactor (see below) can be overwhelming for a new user – from choosing various commercially available chamber designs to type of power supply.

Malay Hirani, founder of “Soni CVD Diamonds”, is a Process Engineer from Mumbai, India, with over a decade of experience in the Laboratory grown Diamond industry. He has set up several CVD Diamond Growth facilities in United States and India. Malay provides consulting services to companies interested in venturing into lab-grown diamond production, ranging from Factory Design, Gas Delivery Systems, Deposition Tools Selection, Technology Licensing, to Strategic Advice and Training, and much more.
WEBINAR 2: October 30 at 8.00am PT (Vancouver, San Francisco), 4.00pm in London and 6.00pm in Moscow/Dubai, 8.30pm in Mumbai, 11pm HK/Perth we will have LIVE conversation with Tom Chatham, USA, on “Past, Present and Future of Laboratory-grown diamonds Industry”. We received many samples from Chatham Created Gems and Diamonds for testing, certification, and research in last 20 years.

In the Second Edition of our book ‘Laboratory-grown Diamonds’, published in 2007, we featured three major producers of HPHT-grown diamonds – Advanced Optical Technologies Corporation (AOTC), Chatham Created Gems and Diamonds, and the Gemesis Corporation; and one producer of CVD-grown diamonds – Apollo Diamond Inc. As of today, only Chatham continues to put on the market laboratory-grown diamonds of all colours (see cover photo of 3rd edition) using both the HPHT and CVD technologies. Of course, there are 100 new companies worldwide involved in producing diamonds. Tom Chatham is veteran of our industry who would talk about his experience over 30 years with laboratory-grown diamonds and what is the future. We hope with Tom Chatham to put some more light on this subject, and confirm what authors predicted in our 2007 edition that “we were able to help you view laboratory-grown diamonds as a unique part of our jewelry industry, rather than a threat to it.”

Tom Chatham joined his father in 1965, after college, at Chatham Research Labs. His father, Carroll Chatham, was already an acclaimed crystal grower known for his pioneering work growing emerald announced in 1938. Following his father’s early demise in 1983, Tom set out to do what his father did not, growing gem quality diamond for the jewelry trade. In 1993, Chatham Created Gems Inc. announced their introduction of Created Diamonds from a venture in Siberia. That was then expanded to Kiev, Ukraine, where white diamonds were achieved and introduced at the 1996 JCK Show in Las Vegas. In 2001, Tom Chatham introduced his created diamonds in pink, yellow and blue. Today, Chatham Created Gems & Diamonds, remains one of the leading producers of created gemstones worldwide, equally diverse in loose colored gems, loose white diamonds and high-end jewelry using only their own laboratory grown stones.