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Gubelin-Newsletter #19, Wednesday, July 25, 2007

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Headlines:

- \*\*\* Bi-annual meeting of the IGC held in Moscow
- \*\*\* Gubelin Lab supports scientific research conference on fluid inclusions
- \*\*\* Gubelin shuttle service connects Germany and Hong Kong with the Gubelin Lab
- \*\*\* Two research publications on corundum in the Journal of Gemmology

\*\*\* Bi-annual meeting of the IGC held in Moscow:

The International Gemmological Conference (IGC) held its 30<sup>th</sup> meeting last week in Moscow. IGC delegate Dr. Dietmar Schwarz, Head of Research at the Gubelin Lab, presented a lecture on rubies from marble-type deposits. Following the conference, some participants visited the alexandrite and emerald mines near Ekaterinburg in the Ural Mountains.

\*\*\* Gubelin Lab supports scientific research conference on fluid inclusions:

Also taking place last week, the 19<sup>th</sup> Biennial Conference European Current Research on Fluid Inclusions (ECROFI) meeting was hosted by the University of Berne, Switzerland. This international forum was held to discuss new developments and applications of geological research in the exciting field of fluid inclusions. Fluid- and melt inclusions in minerals provide unique insight into processes involving geofluids. The Gubelin Gem Lab sponsored this event and Gubelin gemmologists participated in the conference.

\*\*\* Gubelin shuttle service connects Germany and Hong Kong with the Gubelin Lab:

Germany is again connected with the Gubelin Lab in Switzerland by means of a weekly shuttle service. The shuttle is operated by VIA MAT International, and provides a fast, secure and reliable service for clients who wish to submit gems for certification by the Gubelin Lab. VIA MAT International takes care of the temporary export / import procedure, collects gemstones and jewellery every Tuesday and returns them 8 business days later, together with the Gubelin reports. In addition, VIA MAT International offers another Shuttle between Hong Kong and Switzerland (in addition to the Shuttles operated by Malca Amit and Ferrari), with a turn-around time of only 7 business days. Details of all these services are available in the 'Shuttle' section of our website ([www.gubelingemlab.ch](http://www.gubelingemlab.ch)).

\*\*\* Two research publications on corundum in the Journal of Gemmology:

The spring issue of the Journal of Gemmology features two publications by Dres. Karl Schmetzer and Dietmar Schwarz on the colours in rubies and fancy coloured sapphires. The first article, titled 'The Causes of Colour in Kashan Synthetic Rubies and Pink Sapphires', addresses the trace element patterns of these stones, and the implications for the spectroscopic properties. The second article, 'Colour Zoning in Heat-treated Yellow to Yellow-orange Montana Sapphires' discusses the differences between Montana sapphires and sapphires treated by beryllium-diffusion.

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