

\*\*\*\*\*

Gubelin Newsletter #32, Tuesday, August 10, 2010

\*\*\*\*\*

## Headlines:

- \*\*\* Russian alexandrites book available now
- \*\*\* New Gubelin Gem Lab website launched
- \*\*\* Gubelin researcher writes on tomography applied on pearls
- \*\*\* September Hong Kong OPT in new location

### \*\*\* Russian alexandrites book available now:

The most comprehensive book on Russian alexandrites will be on the market in September and can be ordered by downloading an order form at

[http://www.schweizerbart.de/resources/downloads/ad/download\\_36.pdf](http://www.schweizerbart.de/resources/downloads/ad/download_36.pdf)

The book is mainly compiled and written by Dr Karl Schmetzer, with contributions by George Bosshart (former Chief Gemmologist at Gubelin Lab), Marina Epelboym, Dr Lore Kiefert (current Gubelin Chief Gemmologist) and Anna-Kathrin Malsy (PhD student and gemmologist at Gubelin). The authors present a comprehensive overview of the history of Russian alexandrite, its morphology and twinning, its mineralogical and gemmological properties and descriptions, colorimetric data, trace element chemistry and locality determination. Numerous photomicrographs of inclusions and growth patterns in faceted samples are presented. This makes it a must for mineralogists, gemmologists, historians, mineral and gem collectors as well as interested members of the gem trade.

### \*\*\* New Gubelin Gem Lab website launched:

Over the last weeks, we have totally reworked our Gubelin Gem Lab homepage [www.gubelingemlab.ch](http://www.gubelingemlab.ch). Apart from the information that is relevant for gemstone professionals like our clients, it also provides a lot of information about gemstones in general, details about our reports, as well as insights into our research work. For example, it contains an extensive FAQ site, and some videos about our work, analytical methods, and even most fascinating trips right through the middle of a pearl, made possible by virtue of modern analytical technology: [www.gubelingemlab.ch/Research-and-Development/Video\\_Presentations.php?navanchor=1010057](http://www.gubelingemlab.ch/Research-and-Development/Video_Presentations.php?navanchor=1010057).

### \*\*\* Gubelin researcher writes on tomography applied on pearls

Gubelin relentlessly pursues research into pearls, to help with the difficult task of drawing a distinction between natural pearls and the many old and new ways of culturing pearls. X-ray computed microtomography reveals the internal features of pearls and enables 3-D reconstructions of these features. This method is completely non-destructive, and can attain resolution down to the micrometre scale. Gubelin scientific researcher Dr Stefanos Karampelas and co-workers have conducted an extensive trial on 50 pearls, and have published their findings on advantages and limitations of this method in an article in the recent summer issue of Gems & Gemology. See also [www.gia.edu/research-resources/gems-gemology/data-depository/2010/karampelas.html](http://www.gia.edu/research-resources/gems-gemology/data-depository/2010/karampelas.html).

\*\*\* September Hong Kong OPT in new location:

For your convenience during the September jewellery shows in Hong Kong, we are present at both the Asia World Expo and at the Convention and Exhibition Centre with our own booth to take in your stones. The actual OPT location is in our new premises in Queen's Road:

13 - 21 September 2010

Office Address	Room 1005, 10/F Aon China Building No. 29 Queen's Road Central, Hong Kong
Phone no.	+852 2868 2781
Fax no.	+852 2868 2791
Local mobile phone	+852 9463 3571
Swiss mobile phone	+41 79 457 0163

Asia World Expo	14 - 18 September 2010
Booth no	7P34
Phone no	+852 9463 3547

Convention & Exhibition Centre	16 - 20 September 2010
Booth no.	3M063
Phone no	+852 9463 3547

You can easily drop your stones at the booth during the opening times of the respective fair, or directly at our Queen's Road office upon appointment. We look forward to meeting you in Hong Kong!

\*\*\*\*\*

The Gubelin Newsletter is issued periodically by the Gubelin Gem Lab and provides concise and up-to-date information on current topics in the jewellery and gemstone industry, as well as news from the Gubelin Gem Lab itself. Your e-mail address is on the distribution list of the Gubelin Gem Lab. To unsubscribe from the mailing list, reply to [info@gubelingemlab.ch](mailto:info@gubelingemlab.ch) and type 'unsubscribe' in the subject line. All previous Gubelin Newsletters can be viewed in the archive section of the Gubelin website ([www.gubelingemlab.ch](http://www.gubelingemlab.ch)).

\*\*\*\*\*

(c) 2010 Gubelin Gem Lab Ltd.

\*\*\*\*\*