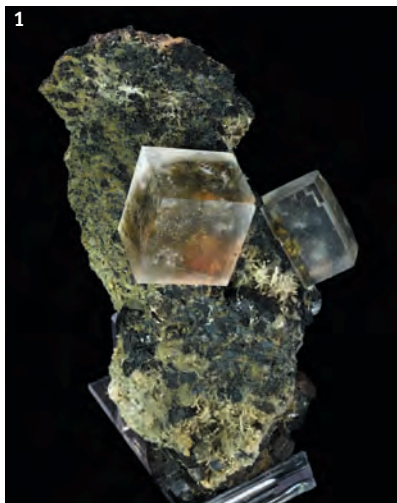


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1. **Fluorite** crystals (up to  $3.5 \times 2.5$  cm) on a matrix.  $14 \times 4$  cm. Dalnegorsk, Primorskii krai, Russia. Specimen: V. Ponomarenko.

**Photo: Michael B. Leybov.**

2. **Malachite**.  $29 \times 27$  cm. Zarinskiy area, Western Altay, Russia. Specimen: «Mir Kamnya museum» company from Barnaul city.

3. **Morion**.  $15 \times 12$  cm. Nadyrbay, Kazakhstan. Specimen: V. Khaustov.



A spring mineral Show «Gemma» in Moscow is always lively and merry, and not depend of its financial results. And this is not surprise — it is held on the Geologists Day and most Show participants and visitors have a close relation with geology. The warm spring sunshine adds optimism and lightens general mood. As regards the mineral specimens, they gave pleasure to many Show visitors. Here are some examples. «Russian Minerals» team brought from Tucson many interesting minerals. Among them recently discovered azurite from Morocco, which captivates not only by the size of its crystals, but by their marvelous clarity and perfection. Collectors from Barnaul represent bright specimens of native copper, azurite and malachite from a new location in Altai. They remind us great specimens from Ural deposits like Mednorudyanskoye and Gumeshevskoye. We believe that the new discoveries are yet to come.

The new finds delighted the eye. There are excellent wine topaz specimens from Volodarsk-Volynskiy (Ukraine), beautiful specimens from Dalnegorsk such as fluorite, large clusters of calcite, quartz crystals and other minerals of polymetallic deposits.

It has become a tradition that the Show is well represented specimens from China, Mexico, Afghanistan, Pakistan, North America and Canada. And the geography is constantly expanding, and the quality of specimens and culture of the presentation are improving (the stands, the light, and the labels).

We are very glad for the modern Russian collectors — they have the opportunity to make a collection of minerals from all over the world without leaving Moscow. As usual the «Gemma» Show was informative and interesting and we wish to its organizers success and the Show — many years of prosperity.

## 2<sup>ND</sup> CHANGSHA (CHINA) MINERAL AND GEM SHOW

**Andreas Massanek,**

Curator, Freiburg Museum, Germany



1. The Hunan Conference and Exhibition Center – in this huge building, the second Changsha Mineral and Gem Show was held.

**Photo 1–4: P. Megaw.**

2. Opening Ceremony.

3. Media scrum following the Governor of Hunan Province.

4. Sight in the show venue.



From 15 to 20 May 2014, the second mineral and gem fair was held in Changsha, capital of Hunan province. About the size of the city you will find a variety of information on the Internet. The population fluctuates there among 2,5 and 20 million. Also the organizers didn't know an exact number, but suspect as to 7 million. Well, that's at least twice that of Berlin. It is one of the typical Chinese cities, where the skyscrapers are springing up like mushrooms. In Changsha stand alone on the east side of Xiangjiang more than 700 skyscrapers. In the next 10 years, the west of the river parts of the city will be remodeled futuristic and more hundreds of skyscrapers are built. These are numbers that we can not imagine in western countries. Even if you do not like high-rise buildings (I'm finally out of the small town of Freiberg), it's pretty impressive to see how everything develops here.

The show is organized with the support of the provincial government of Hunan and the Ministry of Land and Resources of the People's Republic of China in the Hunan Conference and Exhibition Center. At the opening ceremony spoke leading local politicians, ambassadors of resource-rich countries and the Chairman of the IMA Commission of Museums, Dr. Federico Pezzotta.

The exhibition takes place in two huge, superimposed halls. In the first level, minerals, gems, meteorites and fossils are primarily offered. In the second level, the jewelers can be found. According to the official figures, there were 1,500 booths with 1,700 dealers, of which 500 were from abroad. Among

