

## The 39<sup>th</sup> Annual FM-MSA-TGMS Tucson Mineralogical Symposium

### CRYSTALS AND CRYSTAL FORMS

**Date:** Saturday, February 10, 2018, From 10 AM – 2 PM, in the Crystal Ball Room of the Tucson Convention Center; Tucson Gem and Mineral Society Show®.

**Sponsored by:** The Friends of Mineralogy, the Mineralogical Society of America and the Tucson Gem and Mineral Society.

**Organizers:** Virgil Lueth, [vwlueth@NMT.edu](mailto:vwlueth@NMT.edu), and John Rakovan, [Rakovajf@miamioh.edu](mailto:Rakovajf@miamioh.edu)

**Details:** <http://www.friendsofmineralogy.org/symposia/>

**Description:** The thirty-ninth annual symposium held in conjunction with the Tucson Gem and Mineral Show® will take place on Saturday, 10 February, 2018. The symposium is cosponsored by the Tucson Gem and Mineral Society, the Friends of Mineralogy, and the Mineralogical Society of America. As a tie in with the show, the symposium theme is the same as the show theme: “Crystals and Crystal Forms”.

#### Speakers and topics

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| 9:55 AM             | Introductory Statements – John Rakovan                                      |
| 1. John Rakovan     | Crystals and Crystal Forms 10:00  |
| 2. Pete Richards    | Distorted Crystals 10:15 (1/2 hour talk)                                    |
| 3. Terry Huizing    | Calcite Twins 10:45   |
| 4. John Jaszczak    | Sphalerite & Wurtzite polytypism and morphology 11:00                       |
| 5. Virgil Lueth     | Pseudomorphs of Magdalena 11:15   |
| 6. 11:30-12:00      | Break   |
| 7. Herwig Pelckmans | Multiple Forms on Isometric Crystals 12:00                                  |
| 8. Marcus Origlieri | Crystal Drawing Programs and the AMCSDB 12:15                               |
| 9. Barb Dutrow      | Hemimorphism: Symmetry and Forms in Tourmaline 12:30                        |
| 10. John Jaszczak   | Breaking the law: exceptions to the classical laws of crystallography 12:45 |
| 11. William Cordua  | The many forms and habits of Chalcocite at the Flambeau Mine 1:00           |
| 12. Boris Kantor    | Dendrites 1:00 – 1:15   |

*Presentations are scheduled at 15 minutes, please plan (and practice) your talk for 12-13 minutes so that there is time for a question or two. This is GSA/typical meeting style.*