

## Fall 2017 MicroNews – Affiliated Regional Societies and Tour Speakers Kerry Siebein, AReS and Tour Speaker Committee Chair

M&M 2017 was a big success! It was an anniversary meeting for both MAS and MSA, the 75<sup>th</sup> anniversary meeting for MSA and the 50<sup>th</sup> anniversary meeting for MAS. In addition to the regular program, there was an anniversary lecture and dedicated symposium for the 50<sup>th</sup> anniversary of MAS. The MAS AReS and MSA LAS joint breakfast was held on Tuesday morning, August 8<sup>th</sup>, which overlapped with Dale Newbury's MAS anniversary lecture. The breakfast was attended by 31 MAS AReS and MSA LAS members, representing 16 of the affiliated societies. Attendance was about the same as last year, which was good considering the overlap with Dale Newbury's 50<sup>th</sup> MAS Anniversary Lecture. I heard that it was standing room only at Dale's talk. The joint breakfast is a great time to find out more about the organization of the affiliated societies and the tour speaker program, and discuss any issues that come up in the local meetings.

### Tour Speaker Program

One of the main benefits of being an affiliated society of MAS is the Tour Speaker Program. This program provides annually to each AReS a renowned speaker for one of their technical meetings. The program covers airfare and one night's lodging for the tour speaker. There are currently six tour speakers available through the Tour Speaker Program. The tour speakers and presentation titles are listed below:

Thomas Kelly, MAS past president, "Application of Atom Probe Tomography Across the Materials Spectrum" or "Toward Atomic Scale Tomography"

Masashi Watanabe, MAS president 2016-2018, "Theoretical Evaluation of Atomic Resolution X-ray Analysis toward Quantification"

Rhonda Stroud, president-elect 2017-2018, "The Universe is my nano-fab: scanning transmission electron microscopy of carbonaceous nanomaterials"

Vincent Smentkowski, GE-Global Research, "Surface Microscopy and Microanalysis in an Industrial Research and Development Laboratory: General Electric Global Research Center"

Lucille Giannuzzi, EXpressLO, LLC, "Theory and Application of FIB Specimen Preparation"

Edward Vicenzi, Museum Conservation Institute, Smithsonian Institution, "Nanoscale Mn Oxide Formation on the Smithsonian Castle" and "Correlative Microscopies and Analysis of Jade"

Speakers from the list above can be chosen or if an AReS group knows of a specific speaker they would like to hear, and that speaker is a MAS member in good standing, we will make every effort to secure that person for a specific meeting request. Any suggestions for the Tour Speaker program are also welcomed. This program belongs to the Society membership, and we want to remain flexible in our approach to the program so that the regional societies benefit from our rich and varied member-based expertise. Please contact Kerry Siebein ([kerry.siebein@nist.gov](mailto:kerry.siebein@nist.gov)) with any questions regarding the Tour Speaker program.

There are 19 AReS, and most of them are very active. There were 7 spring AReS meetings and 6 AReS have scheduled fall meetings. Tour speakers were used at only 3 of the spring meetings and right now there are no requests for tour speakers for any of the fall meetings. Please let me know if you have any interest in having a tour speaker for your AReS meeting.

### Upcoming AReS Meetings

1. The Appalachian Regional Microscopy Society (AReMS) is having their Annual Meeting on October 19-20, 2017 in Appalachian State University in Boone, NC. The meeting consists of tutorials and talks on sample preparation and microscopy techniques.

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2. The Mid Atlantic Microbeam Analysis Society (MAMAS) is having a Celebration of Microscopy and Microanalysis on September 15, 2017. The meeting will be a celebration of many decades of advancement in the broad fields of microscopy and microanalysis, with a focus on electron beam methods and related computational tools. Organized to honor the 70th Birthday of Dr. Dale E. Newbury, and in recognition of the 50th and 75th Anniversaries of the Microanalysis Society and Microscopy Society of America, the meeting will provide a venue for current research in diverse fields and a forum for extended discussion of exciting emerging approaches and concepts.
3. The Michigan Microscopy and Microanalysis Society (MMMS) will hold their 2017 meeting on November 1, 2017 at the University of Michigan. The details will be available at a later date.
4. The Microscopy Society of Northeastern Ohio (MSNO) will hold their fall meeting on the afternoon of October 4, 2017.
5. The Microscopy Society of the Ohio River Valley (MSORV) will be holding their fall meeting at UES Dayton, OH on October 25, 2017. There will be two talks, one by Dr. Christopher Brown on Intelligent hand held analytical instruments and one by Curtiss Jones who is the supervisor of the Trace Evidence Department at the Cuyahoga County Medical Examiner's Office.
6. The Southern California Society for Microscopy and Microanalysis (SCSMM) is having a fall meeting, but the details are not available yet.

#### Past AReS Meetings

1. The Arizona Imaging and Microanalysis Society (AIMS) had their spring meeting on March 3, 2017 at ASU in Tempe, AZ. It was a mix of talks by core directors of some of the leading microscopy in the country, vendor demonstrations, and a student poster session.
2. The Australian Microscopy and Microanalysis Society (AMMS) held AMAS XIV – The 14<sup>th</sup> Biennial Symposium and Workshops on February 6-10, 2017 in Brisbane, Australia. The conference consisted of 3 keynote speakers and 9 invited speakers. MAS president, Masashi Watanabe, was an invited speaker at the meeting. Before the meeting, there were 13 short courses on topics such as Electron Probe Microanalysis, Digital Micrograph Scripting, Introduction to TEM/STEM, and others.
3. The Microscopy Society of Northeastern Ohio (MSNO) held their winter meeting at Case Western Reserve University. Vincent Smentkowski was the MAS Tour Speaker at their spring meeting.
4. The Minnesota Microscopy Society (MMS) hosted MAS tour speaker Lucille Giannuzzi.
5. The New England Society of Microscopy held their Spring Symposium on April 27-28, 2017 at the Marine Biological Laboratory in Woods Hole, MA. The meeting featured two workshops: Introduction to Negative Stain TEM and Expansion Microscopy.
6. The Southeastern Microscopy Society (SEMS) held their spring meeting at the Holiday Inn in Athens, GA on May 24-26, 2017. The Southeastern Microscopy Society (SEMS) hosted MAS tour speaker Vincent Smentkowski and MSA tour speaker Mike Marco at the meeting. The SEMS meeting program included workshops, presentations, the Ruska Award competition, commercial exhibit and demos, and social opportunities for getting to network and meet this year's attendees.
7. The Southern California Society for Microscopy and Microanalysis (SCSMM) held their spring meeting at the University of California Los Angeles on April 8, 2017. It was a full day symposium with talks on microscopy of inorganic materials and biological materials. Mike Marko, a MSA tour speaker, gave a talk on the "Historical Perspectives on Biological EM".

#### Tax Exemption and Incorporation

MSA has posted information on Tax Exemption and Incorporation on their website, [https://www.microscopy.org/communities/las\\_faqs.cfm](https://www.microscopy.org/communities/las_faqs.cfm). Please check out this link if you are not aware of the benefits of incorporation.

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A last note: the AReS web page will be updated in the fall. Please check the contact information for your AReS and let me know if any changes need to be made to the webpage.

<http://www.microanalysisociety.org/regional/affiliated-regional-societies-ares>