



## An Art, and a Science - Topics in Microanalysis

presented by  
**Midwest Microscopy and Microanalysis Society  
(M<sup>3</sup>S)**

A local affiliate of the Microscopy Society of America and the Microanalysis Society

**Friday, November 22<sup>nd</sup>, 2019**

**Baxter Healthcare Research Park  
Round Lake, IL**

**Please RSVP by Tuesday, Nov 19<sup>th</sup>**

**Visit Registration Website:  
[baxter.cvent.com/M3S2019](http://baxter.cvent.com/M3S2019)**

*Membership Fee, Paid 1x/Year at any M3S meeting:*

**\$100 for supporting vendors, \$20 for non-members, \$5 for students**

**\$100/vendor table at each event. (Cash or Check to "M3S" please)**

**More than a dozen vendors will be on-site for demonstrations and discussions!**

**We thank them for their support!**

**8:00 - 9:00AM**

**Registration, Continental Breakfast and Coffee will be served**

**9:00 - 9:05AM**

**Welcome and Opening Remarks**

**9:05 - 10:00AM**

**Examination of Museum Specimens Using Atmospheric XRF and SEM-based  
Micro-XRF Analysis**

**Ed Vicenzi, Smithsonian Institute - MAS Invited Tour Speaker**

**10:00 - 10:30AM**

**Microanalysis in Forensic Paint Investigations**

**Ethan Groves, Microtrace LLC**

**10:30 - 11:00AM**

**Break & Visit with Vendors**

**11:00 - 11:45AM**

**3-D, In-situ, and Ultrafast Electron Microscopy**

**Ilke Arslan, Center for Nanoscale Materials, Argonne National Laboratory**

**11:45AM - 12:10PM**

**MMMS Business Meeting**

**12:10- 1:30PM**

**Lunch & Visit with Vendors**

**1:30PM - 2:00PM    Confirming Phase Identities with Quantitative Analysis to Ensure Accurate EBSD Mapping**

Bil Schneider, University of Wisconsin - Madison

**2:00 - 2:30PM    One Animal, Two Glues: Insights on How Oysters Stick**

Jon Wilker, Purdue University

**2:30 - 3:00PM    Finding Grains in a Mountain of Sand**

Gerry Olack, University of Chicago

**3:00 - 3:30PM    Probing Structural Diversity in Beam Sensitive Materials Using Electron Dose Efficient Methods**

Roberto dos Reis, David Research Group, Northwestern University

**3:30 - 3:35PM    Closing Remarks**

**\*\*\*IMPORTANT! NOTE THE CHANGE IN LOCATION FROM THE TYPICAL ONE!!!\*\*\***

**Directions to Baxter Research Park: 25212 W. IL Rt 120, Round Lake, IL 60073**

**From South (O'Hare Airport):** I-294 (Tri State Tollway) N, merge with I-94 W towards Milwaukee. North on I-94 to Belvidere Rd (120) exit. Turn right onto Wilson Rd., first entrance on the left.

**From North (Milwaukee):** From I-94 east, going south towards Chicago exit at Milwaukee (21) exit. Turn right (west) onto Belvidere Rd (120). Turn right onto Wilson Rd., first entrance on the left.

Pass through security (tell them you are here for the M35 Meeting, heading to WG1 building). Turn right and follow the long road across our campus to the set of 3 William Graham (WG) buildings. WG1 is the one on the right, the furthest east, closest to Wilson Road.

This building has two entrances that are adjacent - an employee entrance requiring badge access on the right, and the visitor's entrance on the left. Again let the receptionist know you are here for the M35 meeting and the registration table will be right inside.

