



"Any Way You Slice It" - The Newest in Electron Imaging and Analysis Methods

presented by

**Midwest Microscopy and Microanalysis Society
(M³S)**

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

Friday, November 16th, 2018

**Baxter Healthcare Corporate
Headquarters, Deerfield, IL**

**Please RSVP by Tuesday, November
13th**

**By e-mailing your Contact Info to:
secretary@midwestmicroscopy.org**

Onsite Registration Fee:

Free for M³S members, \$20 for non-members, \$5 for students
(Fee includes M³S membership for 2019)

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 TEM Examination of Armor Ceramic Materials
Scott D. Walck, U. S. Army Research Lab - MAS Invited Tour Speaker

10:00 - 10:30AM Microanalysis of Soft and Hard Matter in the Next Generation AEM
Nestor J. Zaluzec, Photon Science Division, Argonne National Laboratory

10:30 - 11:00AM Break & Visit with Vendors

11:00 - 11:45AM FIB Development and Applications Through the Years
Lucille A. Giannuzzi, EXpressLO LLC - MSA Invited Tour Speaker

11:45AM - 12:10PM MMMS Business Meeting

12:10- 1:30PM Lunch & Visit with Vendors

1:30PM - 2:00PM Serial Block Face Imaging - First Experiences
Chris Gilpin, Life Science Electron Microscopy Facility, Purdue

2:00 - 2:30PM Development of Complementary Methods in TEM Tomography to Answer Outstanding Questions in Cell Biology and Virology

Ranjan Sengupta, Department of Medicinal Chemistry and Molecular Pharmacology, Purdue

2:30 - 3:00PM Directly Revealing the Chemical Ordering in M_3B_2 and M_5B_3 Borides

Xiaobing Hu, Department of Materials Science & Engineering and NUANCE, Northwestern

3:00 - 3:30PM Electron Backscattered Diffraction as a Key Technique in Studying the Effects of Microstructure on Electrical Properties

Jann Grovogui, David Research Group, Department of Materials Science & Engineering, Northwestern

3:30 - 3:40PM Closing Remarks

Directions to Baxter Corporate Headquarters: 1 Baxter Parkway, Deerfield, IL 60015

From South (O'Hare Airport): I-294 (Tri State Tollway) N, merge with I-94 W towards Milwaukee. North on I-94 to Lake Cook Road exit. Turn left (west) to first light, Saunders Road. Turn right on Saunders to Baxter Parkway. Turn right on Baxter Parkway.

From South (Edens): North to the merge with I-94 (west) towards Milwaukee on Edens Spur. Exit on Deerfield Road. Turn left (west), then take left on Saunders Road. Turn left on Baxter Parkway.

From North (Milwaukee): From I-94 east, going south towards Chicago exit at Lake Cook Road exit. Turn right (west) to first light, Saunders Road. Turn right on Saunders to Baxter Parkway. Turn right on Baxter Parkway.

Pass through security (tell them you are here for the M3S Meeting) and watch on left for visitor/parking garage. Park and proceed east to main central building with lobby area and reception desk.

