Midwest Microscopy and Microanalysis Society

Electron Microscopy for Materials Research: Recent Developments and Future Opportunities

Speakers:

Nigel Browning  
University of Liverpool  
Observing the Atomic Scale  
Kinetics of Dynamic Processes in Liquids and Gasses by Transmission Electron Microscopy

Vinayak Dravid  
Northwestern University  
Making a Mountain Out of a Molehill: Electron Microscopy for Materials Research at Northwestern

Robert Kie  
University of Illinois at Chicago  
In-Situ Materials Characterization at High Spatial Resolution: 2D Materials Based Liquid-Cell Microscopy

Jim Zuo  
University of Illinois at Urbana-Champaign  
The Future of 4D Materials Science Using Electron Beams

Paul Voyles  
University of Wisconsin — Madison  
High Precision STEM Imaging of Cation Vacancies in Oxides and Nanocatalyst Surfaces

Ilke Arslan  
Argonne National Laboratory  
Advanced Measurements on the Nanoscale Enabled by Technique Development in the Scanning Transmission Electron Microscope

Ben Myers  
Northwestern University  
Orientation Mapping by Electron Channeling: Stage-Rocked Electron Channeling in a Conventional SEM

Yue Li  
Northwestern University  
Controlled Rotation Tomography for Scanning Probe Microscopy

Free for M^3-S members; $5 for students; $20 for non-members.  
Fee includes 2018 M^3-S membership.  
RSVP by emailing secretary@midwestmicroscopy.org

Friday, March 30  
8 a.m.-4:30 p.m.  
Evanston campus  
Pancoe Abbott Auditorium

We welcome vendor participation. Limited tables are available for $100. Please email Steve Nagy (stephen.nagy@zeiss.com) to reserve your table, and specify whether you need an outlet.