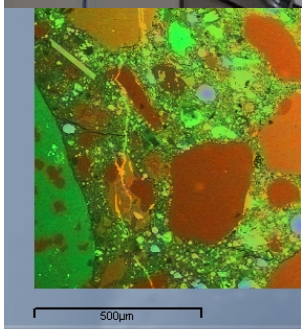

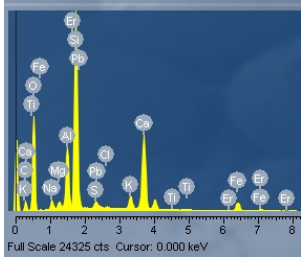

Center for Materials and Sensor Characterization
College of Engineering, The University of Toledo

The Center for Materials and Sensor Characterization at UT-College of Engineering is pleased to announce the next workshop on Materials Characterization Tools and Techniques on **December 1st, 2009**. This workshop will focus on Energy Dispersive Spectroscopy (EDS) detector components, working principle of SDD detectors, X-ray generation and quantitative analysis.

Benefits for the participants include a clear understanding of the principles of operation of the EDS detector and elemental analysis of materials samples using EDS on the SEM and STEM available at CMSC.

9:00 AM to 1:00 PM Presentations by Dr. Sreenivas Bhattiprolu, Applications Specialist, NanoAnalysis, Oxford Instruments America Inc. in SSOE seminar room located in Nitschke Hall.

2:00 to 5:30 PM Lab Session in room NE1496 located in North Engineering Building were researchers will have the opportunity to obtain training in performing elemental analysis on materials samples using SEM.

Registration is required. Space is limited

This workshop will be free for UT researchers. For registration please contact Joseph Lawrence, joseph.lawrence@utoledo.edu no later than Tuesday, November 24, 2009.