

Workshop 2: Unique Tools for Energy Research: Chemical Analysis of Nanostructures Using Electron Energy Loss Spectroscopy (EELS) and Energy-Dispersive X-ray Spectroscopy (EDS)

LAB (HANDS ON) SESSIONS

Wednesday, May 23, 2012, Large Conference Room, 2nd floor CFN (Bldg. 735)

Lab A: D. Su, CFN; "Chemical Analysis of Interfaces in Functional Oxide Thin Films"	Lab B: N. Rowlands, Oxford Instruments; L. Zhang, CFN; "Getting the Best EDS Results from your Analytical TEM"
Lab C: R. Diaz Rivas, CFN; "Capabilities of Environmental Transmission Electron Microscopy in Catalysis"	Lab D: R. McLaughlin, Oxford Instruments; "Optimizing your SEM and EDS System for Nanoanalysis"
Lab E: S. Gill, NSTD-BNL; F. Camino, CFN; "EDS Mapping of Materials with Different Composition (Phase Mapping)"	

8:00-8:30 AM	Breakfast at building 735 (2nd floor conference room)				
8:30-8:50 AM	Organizational remarks				
8:50-9:00 AM	Time for participants to get to their respective lab stations				
9:00-10:00 AM	A (lab 1L29) 1) J. Schneider 2) F. Wu 3) H. Wang 4) Y. Yang 5) T. Zhou 6) C. Patridge	B (lab 1L27) 1) P. Cantwell 2) 3) 4) 5)	C (lab 1L25) 1) Y. Zhang 2) N. Zaluzec 3) 4) 5)	D (lab 1L32) 1) B. Nielsen 2) A. Hossain 3) M. Rane-Fondacaro 4) 5)	E (cleanroom) 1) 2) 3) 4) 5)
10:00-10:10 AM	Meet in main lobby (1st floor) Time for participants to get to their respective lab stations				
10:10-11:10 AM	A (lab 1L29) 1) T. McGilvray 2) A. Hossain 3) P. Cantwell 4) M. Rane-Fondacaro 5)	B (lab 1L27) 1) R. Palomino 2) K. Jungjohann 3) T. Zhou 4) C. Patridge 5)	C (lab 1L25) 1) J. Schneider 2) G. Nadadur 3) 4) 5)	D (lab 1L32) 1) E. Swanson 2) M. Lu 3) T. Bakowski 4) H. Zhao 5) M. Ruiz	E (cleanroom) 1) Y. Zhang 2) X. Zhou 3) B. Nielsen 4) K. Knox 5)
11:10-11:20 AM	Meet in main lobby (1st floor) Time for participants to get to their respective lab stations				
11:20-12:20 PM	A (lab 1L29) 1) G. Nadadur 2) K. Jungjohann 3) 4) 5)	B (lab 1L27) 1) F. Wu 2) H. Wang 3) H. Zhao 4) Y. Yang 5) K. Knox	C (lab 1L25) 1) R. Palomino 2) X. Zhou 3) 4) 5)	D (lab 1L32) 1) J. Warren 2) 3) 4) 5)	E (cleanroom) 1) T. McGilvray 2) E. Swanson 3) M. Lu 4) T. Bakowski 5) M. Ruiz
12:20-12:30 PM	Workshop wrap up (2nd floor)				
12:30-1:30 PM	Lunch at Building 735 (2 nd floor)				