XAFS16

Monday, August 24, 2015

VI: Material Science (1:30 PM - 3:10 PM)

time	[id] title	presenter
1:30 PM	[53] Tracking of the changes during nucleation and growth of nanoparticles in solution – MCR-ALS analysis of time-resolved XANES data	STANIUK, M.
1:50 PM	[54] Interfacial water on nanodiamonds in colloidal dispersions probed by transmission X-ray absorption spectroscopy	PETIT, T.
2:10 PM	[55] In situ XAS uncovering the mechanisms of thermal stabilization of polymer-clay nanocomposites	CARVALHO, H.W.P.
2:30 PM	[56] Characterizing the structural properties of the NPs formed by ion implantation in LPCVD and PECVD Si3N4 using XAS	MIRZAEI, S.
2:50 PM	[57] Advanced ultralow-k organosilicate glasses: NEXAFS study	KONASHUK, A.

VI: Material Science: VI: Material Science (3:40 PM - 5:40 PM)

time	[id] title	presenter
3:50 PM	[73] Negative thermal expansion of ScF3: an EXAFS study at the Scandium K-edge from 10 K up to 1100 K	ALI, S.
4:20 PM	[74] Identification of carbon bonds in graphene oxide using soft x-ray reflectometry	WAHAB, H.
4:40 PM	[75] High-resolution x-ray absorption and emission spectroscopy study of Mn incorporation in AlxGa1-xN hetero-structures	ROVEZZI, M.
5:00 PM	[76] Local atomic and electronic structure of ferroelectric materials: X-ray investigation and computer modeling	SUKHARINA, G.
5:20 PM	[77] Synthesis, characterization and modeling of i-Al65Cu23Fe12 quasicrystals	POLOZHENTSEV, O.

Tuesday, August 25, 2015

VI: Material Science: Operando and timeresolved - Chemie, Neuer Hörsaal (10:30 AM - 12:10 PM)

time	[id] title	presenter
10:30 AM	[92] Thermo-mechanical behaviour of EVA|CNT composites studied through in situ NEXAFS spectroscopy	
10:50 AM	[93] Time-resolved XAFS in kinetic formation and transition mechanism of nanoclusters and nanocrystals	YAO, T.
11:10 AM	[94] Operando X-ray absorption spectroscopy: A key technique to understand the structure-function-relationship of noble metal doped gas sensing materials	DEGLER, D.
11:30 AM	[95] In situ XANES/EXAFS study of the formation of doped and undoped hollow g-Fe2O3 nanoparticles	KWON, S.G.

VI: Material Science: VI: Material Science - 30.46 (3:50 PM - 5:10 PM)

time	[id] title	presenter
3:50 PM	[135] Local structure and bonding of magnetic dopants in Bi2Se3 and Bi2Te3 topological insulator thin films	FIGUEROA, A.
4:10 PM	[137] Subtle local structural variations in oxygen deficient niobium germanate thin film glasses as revealed by x-ray absorption spectroscopy	SAHINER, M.A.
4:30 PM	[138] Soft x-ray absorption spectroscopy on Atomic Layer Deposition grown ZnO films	KOWALIK, I.A.
4:50 PM	[136] EXAFS study on the structural properties of In and In + C implanted Ge	FENG, R.

Wednesday, August 26, 2015

VI: Material Science: VI: Material Science (10:40 AM - 12:30 PM)

Thursday, August 27, 2015

VI: Material Science: VI: Material Science (10:30 AM - 12:20 PM)

Friday, August 28, 2015

VI: Material Science: Materials Science (8:10 AM - 9:00 AM)

VI: Material Science: Nanomagnetism & Multiferroics (10:20 AM - 12:10 PM)

time	[id] title	presenter
10:20 AM	[146] XMCD on Fe-based nanoparticles: Two examples of theory and experiment complementing one another	SCHMITZ-ANTONIAK, C.