

Thursday, April 28, 2011		
Start	End	Events
8:00 AM	8:30 AM	Registration
8:30 AM	8:45 AM	Opening Remarks: Bill Horak, Brookhaven National Laboratory
8:45 AM	9:00 AM	Opening Remarks: Lynne Ecker, Brookhaven National Laboratory
9:00 AM	9:30 AM	<i>Eric Dooryhee, Brookhaven National Laboratory</i> Proposed Studies of Materials in a Radiation Environment at NSLS-II
		Session 1: Radiation Damage Chair: Lynne Ecker, Brookhaven National Laboratory
9:30 AM	10:10 AM	<i>Amit Misra, Los Alamos National Laboratory</i> Radiation Damage-Tolerant Nanocomposites via Atomic-scale Design of Interfaces: Need for In situ Studies
10:10 AM	10:25 AM	Break
10:25 AM	11:05 AM	<i>Nick Simos, Brookhaven National Laboratory</i> Radiation Damage Characterization Across Scales and the Promise of Next Generation X-rays
11:05 AM	11:45 AM	Alfredo Caro, Los Alamos National Laboratory Computational studies of radiation damage and future synchrotron experiments that can enhance simulations
11:45 AM	12:15 PM	Discussion
12:15 PM	1:15 PM	Lunch
		Session 2: Characterization Chair: Nick Simos, Brookhaven National Laboratory
1:15 PM	1:55 PM	<i>Ken Czerwinski, University of Nevada at Las Vegas</i> XAFS measurement of radioelement compounds: Incorporation of synchrotron studies into a university program
1:55 PM	2:35 PM	Maria Okuniewski, Idaho National Laboratory
2:35 PM	3:15 PM	<i>George Srajer, Argonne National Laboratory</i> Using the Advanced Photon Source to Study Nuclear Energy Systems: Current Status and Future Plans
3:15 PM	3:40 PM	Break (Photograph)
3:40 PM	4:20 PM	<i>Peter Siddons, Brookhaven National Laboratory</i> <i>X-ray detectors for time-resolved experiments using SR</i>
4:20 PM	5:00 PM	Discussion
6:00 PM		Dinner (Berkner Hall)
Friday, April 29, 2011		
Start	End	Events
		Session 3: Instrumentation Chair: Eric Dooryhee
8:30 AM	9:10 AM	<i>Henry Kahnhauser, Brookhaven National Laboratory</i>
9:10 AM	9:50 AM	<i>Yongqiang Wang, Los Alamos National Laboratory</i> Materials Research with Energetic Ion Beams
9:50 AM	10:30 AM	<i>Hervé Palancher, CEA France</i> Stress analysis of irradiated nuclear fuels using SR
10:30 AM	10:45 AM	Break
10:45 AM	12:30 PM	Proposal Discussion