

Nanoscience at Synchrotrons Workshop
Advanced Light Source – Lawrence Berkeley National Laboratory
50B-4205
October 19, 2004

10:15 – 10:30	Welcome – F. J. Himpel
10:30 – 11:00:	Profs. M. B. Salmeron, A. P. Alivisatos, J. Bokor University of California, Berkeley and Lawrence Berkeley National Laboratory “Overview of the Molecular Foundry at LBNL”
11:00 – 11:40	Dr. Giulia Galli – Lawrence Livermore National Laboratory “Unraveling the structure of semiconductor nanoparticles: theory and experiment working hand in hand”
	Co-authors: Jeff Grossman, D.Prendergast, F.Reboreda, L.Terminello, T. van Buuren, A.Williamson Lawrence Livermore National Laboratory
11:40 – 12:20	Dr. John Carlisle – Argonne National Laboratory "Electronic structure in NanoCarbons"
12:20 – 12:30	Discussion
12:30 – 1:30	Lunch
1:30 – 2:10	Prof. T.K. Sham Department of Chemistry, University of Western Ontario “Structure and electronic properties of nanoscale systems from synchrotron radiation studies using XAFS and photon-in photon- out techniques”
	Co-Authors: P. Zhang, P.S. G. Kim, X.T. Zhou and X.H. Sun Department of Chemistry, University of Western Ontario R.A. Rosenberg and G.K. Shenoy Advanced Photon Source, Argonne National Laboratory I. Coulthard ^a , Y.-F. Hu ^a and A. Moewes ^b ^a Canadian Light Source and ^b Department of Physics, University of Saskatchewan

2:10 – 2:50	Dr. Eli Rotenberg – Lawrence Berkeley National Laboratory "Quantum Size Effects and Angle-Resolved Photoemission".
2:50 – 3:10	Break
3:10 – 3:30	Dr. Jan Lüning – Stanford Synchrotron Radiation Laboratory "Capabilities and Limitations of Soft X-ray Spectroscopy on Nano-Materials"
3:30 – 4:10	Dr. Duncan Stewart, Hewlett-Packard Laboratories "Spectroscopies for Molecular Electronic Systems"
4:10 – 5:30	Audience Input, Wrap-up, and Discussion – L. J. Terminello
5:30	ALS User's Meeting and Workshop Awards Dinner ALS Patio