

REVISED AGENDA

DOE Review December 5-7, 2001 NSLS Conference Room A

Tuesday, December 4, 2001

7:00 p.m. Dinner at The Cull House with Review Committee, DOE, Senior Staff

Wednesday, December 5, 2001

*9:00 a.m. Executive Session
9:30 Welcome, Peter Paul
9:40 Rick Osgood, BES Overview
10:05 Doon Gibbs, Condensed Matter Physics Overview

10:45 Coffee

11:15 Peter Johnson, Electron Spectroscopy Group, Overview & Photoemission
Studies of Self-Energy Effects.
12:00 Chris Homes, Giant Dielectric Response in $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$

12:30 Lunch with Electron Spectroscopy Group
1. Informal discussion
2. Posters on MgB_2 , Cobaltates, PLD (J. Tu, T. Valla, W. Si)

2:00 John Tranquada, Neutron Scattering Overview and Stripe Liquid Phase
Nickelates.
2:45 Igor Zaliznyak, Quantum Magnetism
3:10 Steven Shapiro, Overview of CNS.

3:30 Coffee with Neutron Scattering Group
1. Informal discussions
2. Posters on Synthesis, Neutron Instrumentation, PZT, Nickelates (G. Gu,
A. Moodenbaugh, I. Zaliznyak/B. Winn, G. Shirane, M. Hucker)

4:30 NSLS Tour, Steven Dierker/Chi-Chang Kao (X22, X7, U10, U13)

6:00 Drinks, then Dinner at Berkner Hall, Conference Room A (BNL Cafeteria)
with Review Committee, DOE and Junior Staff.

Thursday, December 6, 2001

- *9:00 a.m. Alexei Tselik, Theory Group Overview and Physics of Quasi-1D Materials
9:40 Sergei Maslov, Networks in Complex Systems
10:10 Guenther Schneider, MgB₂
- 10:30 Coffee with Theory Group; informal discussions
- 11:00 a.m. John Hill, X-ray Scattering Group Overview and X-ray Scattering Studies of Transition Metal Oxides
- 11:45 Ben Ocko, Organic Thin Films
12:10 p.m. Tianbo Liu, Nanofabrication in Polymer Solutions
- 12:30 Lunch with X-ray and Theory Groups
1. Informal discussions
2. Posters on Surfaces/Interfaces, Soft Matter, Transition Metal Oxides (D. Gibbs, K. Tamura, E. DiMasi, C. Nelson, B. Narozhny)
- 2:00 Tom Vogt, Powder Diffraction Group Overview and Pressure Induced Chemistry in Nanopores.
2:45 Beatriz Noheda, Monoclinic Phase in PZT
3:15 Chi-Chang Kao, High Pressure Studies of Alkalis
3:45 Steven Dierker, NSLS Overview
- 4:15 Coffee with Powder Diffraction Group, Steven Dierker, Chi-Chang Kao
- 6:00 Leave for dinner at La Plage

Friday, December 7, 2001

- 8:30 a.m. David Welch, Overview of Materials Science Department
9:00 Laura Lewis, Structure-Sensitive Properties of Permanent Magnetic Materials Overview, Magnetic Nanocomposites
9:40 David Welch, Internal Stresses and Magnetoelastic Effects in Nanocomposite Magnets
- 10:00 Coffee break with Materials Science Department
1. Informal discussion
2. Posters on Magnetic Nanomaterials, Electrochemical Sciences (M. Balasubramanian, C. Harland, H. Sun, J. van Lierop)
- 11:00 Jim McBreen, Synthesis and Structure of Conducting Polymers, Overview and New Results of Li Batteries
11:40 Xiao Yang, X-ray Diffraction Studies of Li Batteries
12:00 Review Ends

* **Note later start**