The SRC 2002 Workshop on
The Electron-Phonon Interaction

Saturday, October 26, 2002

This workshop, to be held the day after the SRC annual users meeting, will review recent progress in the study of the electron-phonon interaction in solids and on surfaces made possible by the higher energy and momentum resolution now available with photoelectron spectroscopy. It is dedicated to the memory of the late Dr. Eric Jensen, whose 1995 paper triggered this use of PES.

The list of invited speakers is given below, but some of the titles are tentative. In addition we expect an opportunity for contributed talks (Send abstracts to dwl@ameslab.gov or playton@src.wisc.edu).

Invited Speakers

**Ward Plummer** (U TN, ORNL)  
Eric Jensen’s contributions + electron-phonon interaction in Be.

**Steve Kevan** (U OR)  
Coupling between charge, lattice and spin in a “simple” system.

**Tom Miller** (U IL)  
Electron-phonon interaction in quantum wells.

**John Joyce** (LANL)  
4f and 5f electron-phonon interaction.

**Xingjiang Zhou** (ALS)  
Electron-phonon coupling in high-temperature superconductors.

**Peter Johnson** (NSLS)  
Photoemission and the influence of collective excitations.

**Yonglai Gao** (U Rochester)  
Electro-phonon interaction in excited states.

**Kevin Smith** (Boston Univ.) *  
**Luca Perfetti** (EPF Lausanne) *

* Not confirmed

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**Program Chair**  
David Lynch - Ames Lab

**Local Committee**  
Pamela Layton  
Michelle Kirch  
Christopher Moore

**Updates**  
For updates and more information about this workshop and the Users’ meeting please visit our website at [http://www.src.wisc.edu/](http://www.src.wisc.edu/).

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The Synchrotron Radiation Center is funded by the National Science Foundation (Award No. DMR-0084402) and operated by the Graduate School of the University of Wisconsin-Madison.