

# WILLIAM MAXWELL REED

## MECHANICAL ENGINEERING SEMINAR

### **Sustainable Design and Remanufacturing**

By: Dr. Nabil Nasr  
Assistant Provost and  
Director of the Center for Integrated Manufacturing Studies

**Abstract:** To meet the increasingly difficult environmental standards of today, a product needs to be analyzed throughout every step of its life-cycle from design to disposal. Designers are now beginning to focus on the environmental impacts a product has at all stages of its life-cycle. This presentation discusses the latest development in the sustainable design area and a key enabling technology; remanufacturing. Description and history of remanufacturing will be presented as well as highlights of industry practices.

**Bio:** Dr. Nabil Nasr is the Earl W. Brinkman Engineering Professor and the Assistant Provost at Rochester Institute of Technology (RIT). He also serves as the Director of the Center for Integrated Manufacturing Studies (CIMS). CIMS is an applied research organization focused on sustainable technologies. In 1997, Dr. Nasr founded the National Center for Remanufacturing and Resource Recovery (NC3R), with industry, university, and government partnerships. The Center was developed to respond to industry needs in research & development in the remanufacturing and recycling area. The Center has grown significantly over the years with dedicated staff and facilities to become the leading center in this field. Dr. Nasr also serves as the Chairman of the Remanufacturing Industries Council, member of the Imaging Technology Council Board of Directors, and member of the Manufacturing and Engineering Design Board of the National Academies - National Research Council.

**Date: Thursday, September 28, 2006**

**Time: 3:30pm to 4:30 (refreshments 3:00pm)**

**Place: 323 CRMS Building**

**Contact: Dr. I. S. Jawahir 7-6262 Ext. 207**

**This Seminar is co-sponsored by Sustainability Research Group**

Meet the speaker and have refreshments  
Attendance open to all interested persons



MECHANICAL ENGINEERING DEPARTMENT  
UNIVERSITY OF KENTUCKY  
LEXINGTON, KENTUCKY