

Mechanical & Materials Engineering Pierson Graduate Seminar Co-Sponsored by the Nebraska Center for Materials and Nanoscience

Controllable Synthesis of Cu_2O Crystals and Applications

Zhimao Yang

*Professor, Department of Materials Physics
Director, Office of Basic Research and Oversea Projects
Xi'an Jiaotong University - China*

November 20, 2013 | 3:45 pm | 136 Jorgensen Hall

Prof. Zhimao Yang, from Department of Materials Physics, Xian Jiaotong University (XJTU), is the director of Office of Basic Research and Oversea Projects of XJTU. He has extensive research experience in the areas of contact materials for vacuum interrupters, applications of vacuum arc and synthesis of nanostructured noble metals.

In this talk, Prof Yang will present his recent work on polyhedral Cu_2O crystals, which show potential applications in catalytic field, chemical template, CO oxidation, sensors, solar energy conversion and lithium-ion batteries. Also, he will give a brief introduction of science research in XJTU, in order to enhance collaboration between UNL and XJTU.

For more information, contact Dr. George Gogos at 402-472-3006 or ggogos@unl.edu.