

SEMINAR ANNOUNCEMENT

Controlled synthesis of Nanostructured carbons and their applications

science crossing borders...



An-Hui Lu

State Key Laboratory of Fine Chemicals, School of Chemical Engineering,
Dalian University of Technology

Date: **Friday, August 15, 2014**

Place: **Engineering II 1519**

Time: **1:30 P.M.**

ABSTRACT

Carbon, the sixth element widely existing in atmosphere and the Earth's crust, has been one of the most extensively studied elements for materials scientists and organic chemists. Nanostructured carbons are versatile materials and can typically be used in the range of nanocomposites, electronics, energy harvesting, storage and conversion, sensing, adsorption, purification, and catalysis. These applications are strongly depending on their crystallinity, microstructures and micro-morphologies which in turn determine a chemical synthesis methodology. Herein, we demonstrated that by rationally designed syntheses, both nanosized and bulky carbon materials with well-defined morphology and pore structure can be prepared, following to the critical demands in catalysis, adsorption and separation, and energy storage and conversion.

Refreshments will be served before the seminar

To meet with An-Hui Lu on August 15, please contact Lela Castillo: lela@engineering.ucsb.edu

An international Partnership sponsored by the National Science Foundation
Office of International Science and Education between

- The University of California
- The Dalian Institute of Chemical Physics
- The University of Science and Technology of China
- The Institute of Chemistry Chinese Academy of Science

平亦樂
有明自