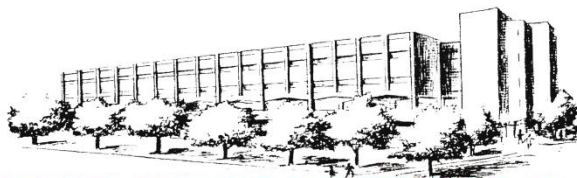


UNIVERSITY OF CONNECTICUT



INSTITUTE OF MATERIALS SCIENCE

POLYMER PROGRAM SEMINAR

**“Crystallography of Functional Nanomaterials and
Preparation of Competitive Grant Proposal”**

**Dr. Burtrand Lee
American Chemical Society**

**Friday, March 25, 2016
11:10 AM, IMS Room 20**

ABSTRACT

Functional properties of nanomaterial depend much on the crystal structure and yet the synthesis- structure-property relationship is inadequately explored. The functional properties for energy and environmental applications of these materials will be illustrated in terms of the crystallographic relationship. Energy storage is another critical area for green energy by use of high permittivity materials. Synthesis and fabrication of these materials and its composite structure will be presented as examples.

The remaining time will be spent to provide information on research proposal review process to prepare a more competitive proposal.

**For further information, please contact YH Chudy at younghee.chudy@uconn.edu.*

