FALL 2015 SEMINAR SERIES
Wednesdays at 3:00 pm in PISB 108

SEPT 30
Sponsored by MAGNET

ERICH RADAUSCHER
Ph.D. Candidate
Electrical and Computer Engineering
Duke University

Atomic Layer Deposition of TiO2 on Transparent Conductive Oxide Nanoparticles for Solar Energy Conversion
ISVAR CORDOVA
Ph.D. Candidate
Electrical and Computer Engineering
Duke University

OCT 7

Twinning and Metastable High-Pressure Phases in Group 4 Hexagonal Metals, Observations from Experiment and Simulation
DR. STEPHEN NIEZGODA
Assistant Professor
Materials Science and Engineering
Mechanical and Aerospace Engineering
Ohio State University

OCT 14

Interfacial Electronic Behavior in Alumina-Silicon Interfaces Formed by Atomic Layer Deposition
DR. NICHOLAS STRANDWITZ
Assistant Professor
Materials Science and Engineering
Lehigh University

OCT 21

The Materials Genome Initiative and the “Data Revolution”
DR. CARELYN E. CAMPBELL
Leader, Thermodynamics and Kinetics Group
Materials Science and Engineering Division
National Institute of Standards and Technology

NOV 4

Role of B:C Stoichiometry in Improved Boron Carbide Ceramics
DR. RICHARD A. HABER
Professor and Director
Ceramic, Composite & Optical Materials Center
Materials Science and Engineering
Rutgers University

NOV 11

Searching for Multifunctional Coatings for Extreme Environments
DR. EFSTATHIOS MELETIS
Department Head
Materials Science & Engineering
University of Texas at Arlington

NOV 18

Drug Substance Particle Shape: The Cinderella Quality Attribute?
DR. BRUNO HANCOCK
Senior Research Fellow & Head of Materials Science (Groton)
Pfizer Inc.

The MSE Fall 2015 Seminar Series is open to all Drexel University students, faculty, and staff who have an interest in materials science & engineering and related fields.

Abstracts, speaker bios, and video of past seminars are available online at www.materials.drexel.edu/seminars