



DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

SEMINARS IN MECHANICS AND MATERIALS ENGINEERING

Spring Quarter 2008

479 Engineering Building II

11:00 - 12:00

April 21

DEFECTS IN CARBON NANOSTRUCTURES

Prabhakar Bandaru

Department of Mechanical and Aerospace Engineering
UCSD

April 28

***NANOCRYSTALLINE AND ULTRAFINE GRAINED METALS:
MECHANICAL PROPERTIES AND MICROSTRUCTURAL EVOLUTION***

Marc André Meyers

Department of Mechanical and Aerospace Engineering
UCSD

May 5

***ISOGOMETRIC ANALYSIS: A NEW PARADIGM IN
COMPUTATIONAL ENGINEERING AND SCIENCES***

Yuri Bazilevs

University of Texas at Austin

**Special Time:
10:30-11:30 am**

May 12

***ASSUMED DEFORMATION GRADIENT FINITE ELEMENT METHOD FOR NEARLY
INCOMPRESSIBLE FINITE DEFORMATIONS VIA NODAL INTEGRATION***

Petr Krysl

Department of Structural Engineering
UCSD

May 28

***MECHANICS OF POLYMERIC MATERIALS:
MODELING AND EXPERIMENTAL STRATEGIES***

Nakhiah Goulbourne

Department of Mechanical Engineering
Center for Intelligent Material Systems and Structures
Virginia Polytechnic Institute and State University

June 2

TBA

June 9

TBA

Refreshments will be served

For additional information please contact Anna Shonle at: ashonle@ucsd.edu

For an updated listing of our seminars, please visit our website at <http://www.mae.ucsd.edu/seminars.php>