CHEMICAL, BIOLOGICAL & MATERIALS ENGINEERING

100 E. Boyd, Sarkeys Energy Center, T-335
405-325-5811
The University of Oklahoma
Norman, Oklahoma

2012 – 2013 Seminar Series

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DR. RAJEEV CHHABRA

SENIOR SCIENTIST
MATERIALS SCIENCE & TECHNOLOGY
CORPORATE RESEARCH & DEVELOPMENT
PROCTER & GAMBLE
CINCINNATI, OHIO

Will present a seminar on

"DEVELOPING NEW TECHNOLOGIES USING PHYSICAL AND COMPUTATIONAL EXPERIMENTS"

Industrial scale research and development leading to innovations in technologies and products depend on both technical and business problem solving. Whereas science and engineering can guide us in inventing new technologies and solving technical problems, one of the biggest challenges in commercializing inventions and innovative processes is scale-up. With the costs of physical experiments mounting up as complexity increases, computational experiments (a.k.a. simulations) in the mathematical prototypes of real system are ever so increasingly being used in industrial R&D set-ups for scaling up technologies. For advanced degree chemical, biological, and materials engineers entering in commercial R&D, this seminar would provide real life perspective to launch large-scale industrial innovations while ensuring scientific and engineering depth necessary for the same. The students and researchers would learn how to focus and plan their graduate studies and research work for a wide-ranging impact on business and progress of the contemporary world.

THURSDAY, OCTOBER 18, 2012

COOKIES AND COFFEE -- 2:45 P.M.

SEMINAR -- 3:00 P.M.

SARKEYS ENERGY CENTER, ROOM M-204

THIS IS A REQUIRED SEMINAR FOR CHE 5971

Accommodations on the basis of disability are available by contacting the office before the event.