

UNT Chemistry - 2009 Fall Seminar Schedule

28-Aug-09

[Bill Acree - UNT](#)
Chair's Welcome

4-Sep-09

[Jack Norton - Columbia U.](#) (Petros)
Chain Growth On Zr and Al and the Exchange of Alkyl Chains Between Them
****joint with TCU Chemistry****

11-Sep-09

[Laszlo Prokai - UNTHSC](#) (Cundari)
Estrogens and Neuroprotection: Does Chemistry Have a Role?

18-Sep-09

[James McCusker - MSU](#) (Omary)
First-row Transition Metal-based Chromophores for Dye-Sensitized Solar Cells: Fundamental Issues and Applications

25-Sep-09

[UNT Alumni Appreciation Day](#)
[O. David Sparkman, \(B.S. 1966\) - U. of the Pacific](#)
(Acree)
Mechanisms of Ionization in the Direct Analysis in Real Time (DART) Ion Source & Some Interesting Applications

2-Oct-09

[Chris Culbertson - KSU](#) (Verbeck)
Microfluidics and Bioanalytical Chemistry
****joint with UNT Biology****

9-Oct-09

[Jeff Coffey - TCU](#) (Cundari)
Turning Semiconductors into Biomaterials: Platforms Based on Nanostructured Silicon

16-Oct-09

[Southwest Theoretical Chemistry Assoc. Mtg.](#)
no seminar

23-Oct-09

[Stewart Novick - Wesleyan](#) (Cooke)
Laboratory Astrochemistry

**Materials Modeling Research Cluster
Distinguished Visitor**

[Bill Lester - UCB/LLNNL](#) (Bagus)
29-Oct-09 (Thu)

How to do QMC Calculations Right
30-Oct-09[‡]
Quantum Monte Carlo for the Electronic Structure of Molecules

6-Nov-09

[Roshan Perera - UTA](#) (Cundari)
Proteins Containing Unnatural Amino Acids
[SWRM Meeting](#) - El Paso (11/4-7)

13-Nov-09

[Michel Dupuis - PNNL](#) (Needleman)
Multi-Scale First Principles Characterization of e⁻/H⁺ Transport and Reactivity Relevant to the Photocatalysis of TiO₂
****joint with UNT Mat. Sci. Eng.****

**Materials Modeling Research Cluster
Distinguished Visitor**

[George Schatz - NU](#) (Wilson)
19-Nov-09 (Thu)
Computational Electrodynamics of Plasmonic Nanostructures - Algorithms and Applications to Metal Nanoparticle Optical Properties

20-Nov-09

DNA Structures, Excited States, and Nanomaterials

27-Nov-09

T-giving Friday - school closed

4-Dec-09

[Wes Borden - UNT](#) (Cundari)
Tunneling in Organic and Organometallic Chemistry -- Calculations Tell Experimentalists Where to Look and What to Look For

11-Dec-09

Reading Day - no classes

[‡]This talk will be earlier (time TBA) than the usual 3:30 PM starting time.
Talks are in CHEM 106 Fridays, 3:30 – 4:30 PM, unless specified otherwise
Public welcome; refreshments served; Meet and greet starts @ 3:15 PM