

## **Departmental lectures 2007**

**Tuesdays: 10:10 to 11:00**

1. 6 February 2007 Dr. Johann Nel: NECSA  
The Advanced Metals Initiative of DST –The Manufacturing of Zirconium and Hafnium from Zircon
2. 12 February 2007 Prof. Andy Cammidge: University of East Anglia  
Supramolecular Chemistry in Materials, Liquid Crystals and Catalysis
3. 20 February 2007 Dr. Des Young Sasol  
Chemistry at SASOL
4. 27 February 2007 Prof. R. Alberto University of Zürich  
High and low valent Technetium and Rhenium complexes for radiopharmacy
5. 6 March 2007 Prof. Å. Oskarsson University of Lund  
SYMMETRY, a neglected tool in describing and analysing crystal structures?
6. 13 March 2007 Dr. R. Meijboom University of the Free State  
Organometallic dendrimers
7. 20 March 2007 Prof. O. Wendt University of Lund  
PCP ligands in palladium and platinum chemistry: cyclometallation and activation of small molecules
8. 17 April 2007 Dr. G. Steyl University of the Free State  
Structural studies on Cu(I)/Cu(II) complexes with diketones and other ligands
9. 24 April 2007 Prof. J.C. Swarts University of the Free State  
Biological adventures of a physical chemist
10. 8 May 2007 Dr. A. Muller University of the Free State  
The quest for the magic bullet
11. 15 May 2007 Dr. S.L. Bonnet University of the Free State  
Reactions of polyphenols with  $\alpha$ -keto acids
12. 22 May 2007 Mr. H.B. Theron University of the Free State  
Quantitative Determination of Levonorgestrel and Venlafaxine in Human Plasma using APPI coupled LC-MS/MS
13. 12 June 2007 Ms. E. Fourie University of the Free State  
Electrochemistry of selected Metallocene Compounds
14. 19 June 2007 Mr. E.H.G. Langner University of the Free State  
Thermal Studies on Selected Phthalocyanine Derivatives
15. 26 June 2007 Prof. S. Otto Sasol Technology  
Hydroformylation at Sasol
16. 24 July 2007 Dr. G. Kemp PET Labs Pharmaceuticals  
Radiochemistry - from Bench to Bedside
17. 31 July 2007 Dr. H.J. v.d. Westhuizen Sasol Technology R&D

The OHS-act and Sasol Technology's Health & Safety System

18. 7 August 2007 Dr. R. Nel Sasol  
Fischer-Tropsch Refinery Catalysis
19. 14 August 2007 Prof. A. Roodt: University of the Free State  
Magnificent metal centres
20. 28 August 2007 Dr. J. Conradie University of the Free State  
Bonding in low-coordinate complexes: Aspects of transition metal imido complexes - a computational study
21. 4 September 2007 Prof A. Finkelstein: Russian Academy of Sciences, Moscow State Univ.  
Protein folding: a theoretical approach.
22. 18 September Mr. L. Kitsten: University of the Free State  
Rhodium carboxylate complexes as catalyst precursors
23. 9 October 2007 Mr. H. Gericke University of the Free State
24. 16 October 2007 Prof. Kritsky: Russian Academy of Sciences, Moscow State Univ.  
Evolutionary Aspects of Coenzyme Photobiochemistry
25. 23 October 2007 Dr. T.N. Mtshali University of the Free State  
Nitrido-cyano Complexes of Rhenium(V) of the type  $[\text{ReN}(\text{LL})(\text{CN})_3]$
26. 30 October 2007 Mr. J.M. Janse van Rensburg University of the Free State  
8-Hydroxyquinoline - The Belsky notation
27. 6 November 2007 Mr. W.J. Swart  
Biodiesel: The Challenge
28. 13 November 2007 Prof. SS Basson: University of the Free State  
History of the UFS Chemistry Dept.