

Introduction to VNMR on the NMR Spectrometers

This year's edition of the NMR lecture series will be given by Dr. Albin Otter in

E3-25 on Tuesday and Friday, June 13 and 16 from 9:30 to 10:50 a.m.

The lectures will include the real-time operation of a spectrometer with large screen projection and are intended for new students/postdocs and all those who have been around for a while but feel a little shaky with the use of an NMR spectrometer.

A big Chemistry welcome to Nupur Dabral who joined our Department on June 1st.

ualbertawireless now available in Chemistry!
A study of e-mail and efficacy of expression

Two professors studied the efficacy of email for communication. Human egocentricity creates overestimations of writers' ability to express themselves as well as overestimations of readers' ability to decode the meaning. The graphs at the bottom of the article summarize the quantifiable data.

<http://www.csmonitor.com/2006/0515/p13s01-stct.html>

The wireless deployment on campus in buildings such as CAB, SUB, HUB, etc is now also available in the Chemistry Breezeway. This deployment covers the main breezeway, the 2nd floor mezzanine, the 4th floor study area and lounge, and the small seminar room E3-49. Labs and offices on the north end backing onto the Breezeway are also likely to have wireless service. The infrastructure for this project was jointly supplied by AICT and Chemistry.

1) Authentication for use is identical to that of other ualbertawireless locations: ssh to 10.0.0.1 with your CCID and password, and remember to close the ssh session when you are finished. Detailed instructions are available at <http://www.ualberta.ca/HELP/connect/laptops.html>

2) This deployment will NOT cover the whole building, and no such intention was made at the project inception. Ubiquitous wireless awaits funding of a proposed \$3.5M wireless project by the Alberta government.

3) No other wireless should be deployed within the building, as our network security is compromised by these unauthorized installations. Unauthorized wireless will be removed from the network, and the installer will be required to take the equipment away.

Any questions should be directed to Scott Delinger by email.

EMPLOYMENT OPPORTUNITIES

ARE POSTED ON THE BULLETIN BOARD
ACROSS FROM THE ELEVATORS ON THE THIRD FLOOR
PLEASE DO NOT REMOVE THE EMPLOYMENT NOTICES FROM THE
BULLETIN BOARD

Employment opportunities are posted on a new internet site:
<http://www.careerowl.ca>

Sudbury Regional Hospital requires a postdoctoral fellow for research in Tumour biology temporary full time from June 2006 to May 2007. Please see www.hrsrh.on.ca for more information.

Ball State University, Department of Chemistry, Muncie Indiana is conducting a search for at least two contract faculty. Please see www.bsu.edu/Chemistry, U of Alberta

Laurentian University, poste en chimie/biochimie au niveau de professeur(e) adjoint(e) menant à la permanence. Informations supplémentaires – <http://chemistry.laurentian.ca>.

University of Leicester, Department of Chemistry, are inviting applications for a three year position to work with Dr. Bernard Rawlings to isolate, purify and characterize new analogues of amphotericin B generated by gene disruption. Please see www.le.ac.uk/personnel/jobs for more information.

Trent University, Department of Chemistry, NSERC University Faculty Award invites applications to the Department of Chemistry from potential nominees for the Fall 2006 NSERC University Faculty Award (UFA) competition.

Serono requires a protein purification chemist. Please see employment board for more information.

For students graduating with a B.Sc. in Chemistry and looking for employment: the following notice has come from NOVA Chemicals in Calgary regarding a contract position that they are looking to fill. The following link gives more information on the position.

<http://www.cytiva.com/cejobs/DetailManpowerAB.asp?manptrDD1128>

Outreach Activities can be accessed

at: www.ualberta.ca/Outreach/whats%20new.htm#science

UNIVERSITY OF ALBERTA DEPARTMENT OF CHEMISTRY
40th Annual Gunning/Lemieux Golf Day (Rain or Shine)

Victoria Golf Course Wednesday June 14, 2006

Tee Times From: 11:30am (Texas Scramble) Fees (GST inclusive):

	GOLF & BBQ	GOLF ONLY	BBQ ONLY
CHEMISTRY STUDENTS*	\$ 43	\$ 33	\$ 20
CHEMISTRY STAFF	\$ 51	\$ 37	\$ 23
NON-CHEMISTRY STAFF	\$ 62	\$ 40	\$ 25

FAMILY MEMBERS/SIGNIFICANT OTHERS/ALUMNI QUALIFY FOR THE CORRESPONDING CHEMISTRY FEES. VISITING SUMMER STUDENTS QUALIFY FOR THE STUDENT RATE AND POST-DOCTORAL FELLOWS FOR THE STAFF RATE.

Carts and clubs may be rented at the Victoria Pro Shop. When registering, please indicate if you would like to reserve a power cart (\$ 38 per cart, price subject to change).

PLEASE SUBMIT YOUR ENTRY AND FEE
BEGINNING MAY 15, 2006 TO:

MIKE FERGUSON ROOM E3-13

Payment by cheque is preferred (make cheques payable to the Department of Chemistry, U of A). Post-dated cheques will be accepted (marked payable no later than June 14, 2006).

Entries will be accepted until 12:00 noon on Friday, June 9, 2006.

YOU ARE NOT REGISTERED UNTIL YOU HAVE PAID!

TEAMS AND TEE-TIMES WILL BE POSTED ON WWW.CHEM.UALBERTA.CA/
ON TUESDAY, JUNE 13, 2006.

Joke of the week

A mosquito cried out in pain:
"A chemist has poisoned my brain!"
The cause of his sorrow
was para-dichlorodiphenyltrichloroethane

[paraDichloroDiphenylTrichloroethane is
the the full name for DDT]

[This Week in Chemical History](#)

June 2

- **Nils G. Sefstrom**, born 1873; in 1830, one of the discoverers of vanadium (V, 23).

June 3

- **Otto Loewi**, born 1873, researcher on chemical transmission of nerve cells; [Nobel Prize in Medicine](#) (1936).
- Robert B. Woodward **synthesized chlorophyll** in 1960.

June 4

- **Jean A. C. Chaptal**, born 1756, introduced name "nitrogen"; studied viticulture and dyeing.
- **Heinrich O. Wieland**, born 1877, researched organic chemistry and biochemistry; [Nobel Prize in Chemistry](#) (1927).
- Henri Moissan **isolated fluorine** by electrolysis of a solution of KHF_2 in anhydrous HF in 1886.

June 5

- **Johan Gadolin**, born 1760; in 1794, discovered yttrium (Y, 39).

June 6

- **Edwin G. Krebs**, born 1918, researches protein phosphorylation as biological regulatory mechanism; [Nobel Prize in Medicine](#) (1992).
- **Richard E. Smalley**, born 1943, researches metal atom clusters; [Nobel Prize in Chemistry](#) (1996).

June 7

- **Robert S. Mulliken**, born 1896, [Nobel Prize in Chemistry](#) (1966).
- **James Y. Simpson**, born 1811, an obstetrician whose use of chloroform as an anesthetic led to its acceptance and introduced the use of ether in Great Britain.

June 8

- **Francis H. C. Crick**, born 1916, determined structure of deoxyribonucleic acid (DNA); [Nobel Prize in Medicine](#) (1962).
- Edwin M. McMillan and Philip Abelson **announced the discovery of neptunium (Np, 93)** in 1940.
- **John D. Roberts**, born 1918, researcher on molecular orbital calculations and the application of nuclear magnetic resonance to organic chemistry.