

VISITING SPEAKERS

Prof. Raymond Poirier, Department of Chemistry, Memorial University of Newfoundland, will speak on "Extracting secrets from transition state structures" on Friday, October 21, 2005 at 4:00 p.m. in V-102.

Environmental Health Sciences presents **Dr. Norm Dovichi**, Endowed Professor of Analytical Chemistry, Department of Chemistry, University of Washington will speak on "Single cell proteomics" on Monday, October 24, 2005 from 10:00a.m. – 12:00 p.m. in 10-120 CSB.

Prof. Bob Brown, Department of Chemistry and Biochemistry, Utah State University, will speak on "IR-MALDI vs. UV-MALDI: New insights into ionization in MALDI" on Monday, October 24, 2005 at 1:00 p.m. in E3-25.

Prof. Seiichi Matsuda, Department of Chemistry, Rice University, Houston, Texas, U.S.A. will speak on "Catalytic and evolutionary origins of triterpenoid skeletons" on Monday, October 24/05 at 11:00 a.m. in V-107.

The Edmonton Local section of the CIC is pleased to announce: **Dr. Graham Jones, Chief toxicologist, office of the Chief medical examiner**, who will speak on "Experiences of a forensic toxicologist" on Tuesday, October 25, in room L116 at the King's University College at 9125-50 St. Refreshments at 7:00 p.m., lecture at 7:30 p.m. Cost @2 for members and non-members. Students with ID get in Free. RSVP to GelminiL@macewan.ca.

Department of chemistry, University of Alberta, Analytical Division presents **Professor Dirk Wallschläger**, environmental Chemistry, Environmental and Resource sciences program, Trent University, Peterborough, Ontario, will speak on "Thioarsenates in sulfidic waters – where geochemistry and analytical chemistry collide" on Friday, October 28, 2005 at 4:00 p.m. in V1-10.

502 Seminars

Rongbing Du will speak on "Million fold preconcentration of proteins and peptides by Nanofluidic filter" on Wednesday, October 26, 2005 at 11:00 a.m. in V-107.

Mitchel Flegel will speak on "Biosynthesis of Taxol" on Monday, October 31 at 11:00 a.m. in V-107.

Ph.D. Seminars

Andrew Scholte will speak on "Chemical biology studies of Prenyltransferase enzymes" on Monday, October 24, 2005 at 2:00 p.m. in E3-25.

John Lo will speak on "Quantum confinement effectson molecules" on Monday, October 24, 2005 at 2:00 p.m. in V-103.

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>

University of Toronto at Scarborough invites applications for two tenure track positions at the rank of assistant professor in the area of environmental chemistry. <http://www.utsc.utoronto.ca/~physsci/>

Northern Illinois University, has three tenure track positions available in the Department of Chemistry and Biochemistry.
www.chembio.niu.edu.

University of Arizona, postdoctoral position to copn for 3 years for Natural Products Research and Commercialization. See employment board for more information.

Raylo Chemicals, is looking to hire: a B.Sc. (specialization in Chemistry or honors in Chemistry) a technologist to perform organic synthesis. Please see employment board for more details.

Old Dominion University, Department of Chemistry and Biochemistry, Norfolk, VA is seeking to fill two positions and invites applications from scientists in all areas of biochemistry and biogeochemistry.
<http://sci.odu.edu/chemistry/>

Case College of Arts and Sciences, are seeking candidates for a tenure-track faculty opening in the Department of Chemistry at the Western Reserve University. <http://www.cwru.edu>

Grand Valley State University, requires an assistant professor in (1) Chemistry (Biochemistry), tenure track; (2) Assistant Professor in Chemistry (analytical chemistry), tenure track. www.gvsu.edu

University of California, Berkeley, requires candidates for two separate faculty positions, Dept. of Chemistry; position #821 bioorganic chemistry; position 1018 – assistant professor in any area of materials chemistry. <http://www.chance.berkeley.edu/apo/evalltr.htm>.

MRI Centre, University of New Brunswick, has three post doc positions available – (1) position in MRI of materials (technique development); (2) unilateral NMR/MRI (applications); (3) MRI of porous media with geologic applications. <http://www.unb.ca/physics.mri>

University of Lethbridge, Department of Chemistry and Biochemistry is seeking applicants for a tenure track psotion at the rank of assistant professor in any area of modern Chemistry commencing Jan. 1/06.
<http://www.uleth.ca/chm/>

Aims Fine Chemicals Inc., is looking for suitable candidates to fill Industrial Post Doc positions (1) asymmetric synthesis and Chiral Auxiliaries and Chirality's Directing Ligands (2) experienced synthetic organic chemist with hands on experience in product isolation and identification techniques. See employment board for more information.

University of Waterloo, Quantum information and materials, Tier II Canada research chair Chemistry department and Institute for quantum computing invites applications for a Tier II Canada Research Chair faculty position. <http://www.science.uwaterloo.ca/chemistry>

Outreach Activities can be accessed

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



**CANADIAN SOCIETY of ANALYTICAL
SCIENCES AND SPECTROSCOPY**

Notice of Analytical Workshop

See <http://www.trentu.ca/ers/Wallschlaeger.shtml>

***Metal Speciation:
A Crash Course***

Thursday, October 27, 2005

*Dr. Dirk Wallschlaeger
Trent University*

Details for Workshop:

**The workshop will be held at: COAST TERRACE
INN EDMONTON SOUTH**

*4400 Gateway Blvd.
Edmonton, Alberta
T6H 5C2
Tel: 780-437-6010*

Abstract: *In this short course, I will present an overview of the role that speciation plays in many of these application areas for several important trace elements, and discuss analytical strategies that have been employed to measure or estimate trace element speciation in various industrial, geochemical or biological systems. A general introduction to the environmental chemistry of trace elements will be followed by a discussion of important techniques and methods employed in speciation analysis, and a number of high profile examples will illustrate the crucial roles that individual species and the interconversion between them play in environmental, toxicological and industrial case studies. Finally, you will be given the opportunity to discuss speciation applications of specialized interest in more detail.*

Hotel information may be accessed here:
<http://www.coasthotels.com/home/sites/edmontonsouth/>

Agenda:

09h30 Registration and Coffee
10h00 Commencement of Presentation
12h00 Working Lunch (included)
13h00 Resumption of Workshop
15h00 Awarding of Certificates

Registration Form

Please fax back to 780-435-7044 or e-mail
to ROXANNEG@envirotest.com

Name of Participant(s):

Company (include phone number):

Costs: (please circle cost structure used)

2005 CSASS members: \$80

Non CSASS members:
\$100 (includes membership - value of \$60)

What you hope to learn at workshop:

Payment is by cheque in the name of "**Canadian Society of Analytical Sciences and Spectroscopy**". In order to secure your place, please fax registration form to Roxanne Gill at (780) 435-7044. Send cheques c/o Roxanne Gill, Canadian Society for Analytical Sciences and Spectroscopy, Envirotest, 9936 - 67th Avenue, Edmonton, AB, T6E 0P5. For questions specific to this event, please call Richard Denis at (800) 561-4646 x316. Note that pre-registration is mandatory. Fill in the attached registration and reserve your spot now!

CSASS is a volunteer organization consisting of analytical chemists in industry, academia, and government. Interested in knowing more about CSASS? Go to <http://www.csass.org/>. Interested in membership in CSASS? Go to <http://www.csass.org/memform.pdf>