



MITHE-RN ANNUAL SYMPOSIUM

**WILL BE HELD
IN AYLMER (GATINEAU) QUEBEC
AT THE CHATEAU CARTIER RESORT
1170 AYLMER ROAD**

WEB SITE: WWW.CHATEAUCARTIER.COM

MARCH 1-2, 2005

**DRAFT PROGRAM AND REGISTRATION FORM
ATTACHED**

MITHE-RN Secretariat, Canadian Network of Toxicology Centres

University of Guelph, Guelph, Ontario N1G 2W1
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MITHE-RN MARCH 1-2, 2005 SYMPOSIUM PROGRAM

Day I

- 7:15 - 8:30 a.m. Breakfast <Champions Room>
8:30 - 8:40 a.m. Welcome and Introduction of Science Director (L. Ritter) <Chaudière C>
8:40 - 8:50 a.m. Overview of Network Sponsors and Participants (B. Hale)
8:50 - 9:05 a.m. Theme Research Objectives (P. Campbell, W. Hendershot, B. Hale)
9:05 - 10:15 a.m. Aquatic Ecosystem Presentations & Discussions
10:15 - 10:30 a.m. Coffee Break
10:30 - Noon Aquatic Theme continued
12:00 - 1:15 p.m. Lunch <Champions Room>
- 1:15 - 2:00 p.m. Soils & Plants Presentations & Discussions <Chaudière C>
2:00 - 2:15 p.m. Coffee break
2:15 - 4:35 p.m. Foods & Ingested Particles Presentations & Discussions
4:35 - 4:50 p.m. QA/QC Overview (P. Smith)
4:50 - 5:10 p.m. IP Agreement Do's and Don'ts (B. Hale)
5:10 - 6:00 p.m. Exercise Break or free time
6:00 - 7:30 p.m. Cash Bar <Beau Rivage A>
6:30 - 8:00 p.m. Dinner <Beau Rivage A>

Day II

- 7:30 - 9:00 a.m. Buffet Breakfast <Rose Room>
9:00 - 9:10 a.m. Ecological Risk Assessment Team Intro. (B. Hale) <Chaudière C>
9:10 - 9:40 a.m. ERA presentation (P. Chapman)
9:40 - 10:10 a.m. ERA presentation (S. Sheppard)
10:10 - 10:25 a.m. Coffee Break
10:25 - 11:55 a.m. ERA presentation (E. Nieboer)
11:55 - 12:00 p.m. Symposium Closing Remarks (L. Ritter)
- 1:00 - 4:00 p.m. Closed Meeting of ERA and Network Leaders <Chaudière C>

MITHE-RN THEME TEAM PRESENTATIONS

Format: 10 minute presentation with 10 minutes for discussions

Aquatic Ecosystems Theme

- A1 Generation and field validation of chronic Biotic Ligand Models for fish (C. Wood P.I., McMaster U)
A2 Multiple metal interactions with fish gills and with natural organic matter (R. Playle PI, Wilfrid Laurier U)
A3 Integration of geochemical speciation, chronic toxicity tests and *in-situ* field bioassays for predicting the ecotoxicity of mine effluents using BLM approaches (C. Chakrabarti PI, Carleton U)
A4/A8 Environmental risk assessment of metals in water and sediment: importance of dietary uptake and water-sediment interactions to *Hyalella azteca* (G. Dixon PI, U Waterloo; U. Borgman, Env. Can.)
A5 Metal transfer along aquatic food chains (L. Hare PI, INRS-ETE)
A6 Impact of selenium on the aquatic biota in the Prairie ecosystems (A. Hontela PI, Lethbridge U)
A7 Food-chain transfer and effects of selenium in waterfowl (S. Petrie PI, U Western Ontario)

Soils and Plants Theme

- S1 Impact of long- and short-term fertilization and management practices on trace element dynamics in crops and soils (C. Grant PI, U Manitoba)
S2 Bioaccessibility of trace elements in agricultural soils of Eastern Canada (W. Hendershot PI, McGill U)

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Foods & Ingested Particles Theme

- I1 Refined analysis and characterization methods for metals in ambient urban air (P. Rasmussen PI, U Ottawa)
- I2 Arsenic, thallium and mercury speciation in dust from abandoned gold mine tailings in Nova Scotia (H. Jamieson PI, Queen's U)
- I3 Pulmonary absorption of metals: influence of lung surfactants on the bioavailability of inhaled metals (C. Jumarie PI, UQAM)
- I4 Gastric bioaccessibility of metals surrounding northern hotspots (S. Siciliano PI, U Sask.)
- I5 Bioaccessible and bioavailable Cd, As and Ni in foods and soils (B. Hale PI, U Guelph)
- I6 Arsenic speciation in the environment (C. Le, PI, U Alberta)
- I7 Cytogenetic damage and exposure to metals / metalloids in Inuit women living in the Canadian Arctic (K. Al-Sabti PI, U Laval)

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