



## Preliminary Programme

The First National Symposium and Humboldt-Kolleg

## Symposium on Water

The Banff Centre  
Banff, AB, Canada  
13-15 May 2005

### Organizing Committee

Prof. Leonard I. Wiebe (Chair)  
Prof. Anton Capri  
Prof. Dietmar Kennepohl  
Prof. Anshuman Khare

**Gernot Wieland**  
UBC  
President

**Anton Capri**  
U Alberta  
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**Leonard Wiebe**  
U Alberta  
Secretary

**Anshuman Khare**  
Athabasca U  
Treasurer

**Sigi Stiemer**  
UBC  
Webmaster

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Note that buffet breakfast and lunch are served in the main dining room in **Donald Cameron Hall**. If you are staying at the Banff Centre, this is part of your accommodation package for Saturday and Sunday. If you are staying offsite, you can still purchase individual meals at the dining room.



## May 13, 2005: Arrival of Delegates

16:00-18:00 Registration—Lobby of the **Professional Development Centre** (PDC)

18:00 Welcome to Delegates and Opening Reception (Room 301 PDC)

## May 14, 2005: Opening Ceremonies

Trans Canada Pipelines (TCPL) Pavilion

08:30 **Introductions and greetings:** Chair Prof. Len Wiebe

- *Prof. Gernot Wieland* – Humboldt Association of Canada
- *Mr. Hans-Michael Schwandt* – Consul General, Vancouver
- *Prof. Dietmar Kennepohl* – Athabasca University
- *Prof. Len Wiebe* – Univ of Alberta

09:00 **Keynote speaker:** *Professor David Schindler*, U. Alberta: Western Canada's Future Water Supply. Introduced by Prof. Len Wiebe

### Refreshments

10:30 **Keynote speaker:** *Dr. Ralf Jaumann*, German Aerospace Research Center: Water in the solar system: a story of alteration. Introduced by Prof. Eric Pinnington.

11:30 **Keynote speaker:** *Dr. Eva Kormann*, U. Karlsruhe: Calm or Rough, Low or High Tide, Endless and Huge. Or: Changeable, Free, Infinite and Eternal: Dimensions of the Term "Sea" in German Literature. Introduced by Prof. Anton Capri.

12:30 **Group Photograph**

### Lunch break

13:45 **Concurrent academic presentations-A:** Chair Prof. Len Wiebe

- *Zhu, Julian*; U. de Montréal: Water retention with polymeric hydrogels in arid areas.
- *Swaddle, Thomas*; U. Calgary: Toxicity of aluminum ions in water.
- *Mathewes, Rolf*; Simon Fraser U: 1,000 years of climate change & human impact at Wildsee in the Black Forest.
- *Floryan, J.M*; U Western Ontario: Flow control.
- *Fyfe, Collin*; UBC: MRI Imaging.



**May 14, 2005** (continued)

13:45 **Concurrent academic presentations-B:** Co-chairs Professors Michael Batts and Ernest Reinhold.

- *Boéré, René*; U Lethbridge: In Praise of Dry.
- *Bruun, Christer*; U Toronto: Aspects of the water supply of Rome from Antiquity to ca. 1600.
- *Buse, Dieter*; Laurentian U: The Weser River: Bremen and beyond.
- *Tesfayohannes, Mengsteab*; U Waterloo: The role of Federal government funding on the Outreach Programs of independent industrial R&D establishments in Canada.
- *Hecht, Alfred*; Wilfred Laurier U: The decline of the East German manufacturing base since 1990.

15:45 **Refreshments and Posters**

- *Lu, Zhenguó*; Nat. Res. Council Ottawa: Novel multiwavelength fiber laser source and its applications.
- *Scheffler, Franziska*; UBC: Water as Cross Linking Agent in Ceramic Processing
- *Khare, Anshuman*; Athabasca University: Water resources and the oil & gas industry (Case Study – Alberta)
- *Trippel, Eduard*; Fisheries and Oceans Canada: Testing of acoustically reflective gillnets as a management tool to reduce incidental mortalities of harbour porpoises in northwest Atlantic gillnet fisheries.

16:30 **Bus Excursion to Sulphur Mountain Hot Springs** (Hot Baths or walking).

Meet just outside the PDC for the bus.

19:15 **Symposium Dinner** (Reception at 19:15; dinner at 20:00)

Donald Cameron Hall—Function Room 6

*Dr. Ulrike Albrecht*: Programs of the Alexander von Humboldt Foundation.

Introduced by Prof. Khare



**May 15, 2005**

Trans Canada Pipelines (TCPL) Pavilion

**09:00 HAC Business Meeting:** *Prof. Gernot Wieland, President, HAC*

### **Refreshments**

**10:30 Academic Presentations:** Co-chairs Prof. Jack Passmore and Dr. Franziska Scheffler.

- *Chow, Chung-Wai*; U. Toronto: Expression of the immunoregulatory protein *Syk* in airway epithelium and role in inflammation.
- *Gow, Andrew*; U. Alberta: Water in Civilization
- *Valluri, Sreeram*; U. Western Ontario: Gravitational waves and their detection.
- *Selvadurai, Patrick*; McGill U: Chemically-induced alterations of the mechanics of geosynthetic materials used in geoenvironmental applications.
- *Vasudevan, Kris*; U. Calgary: Skeletonization in geosciences.

**11:45 Closing Remarks:** *Prof. Gernot Wieland, President, HAC*

**Lunch and Departure of Delegates**

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### **Sponsors**

Alexander von Humboldt Foundation, Bonn  
Arts Resource Centre, U. Alberta  
Athabasca University  
Big Rock Breweries  
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