



 *The Second Global Workshop on Proximal Soil Sensing
(Montreal, Quebec, Canada)*

Welcome to the Workshop

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May 16, 2011 

 **Welcome to Montreal**



 **Welcome to McGill**

- **May 16-17**
– Main Campus (Downtown Montreal)
- **May 18**
– Macdonald Campus (Ste-Anne-de-Bellevue)



 **Sponsors**

IUSS WORKING GROUP ON PROXIMAL SOIL SENSING
www.proximalsoilsensing.org 



 **Scientific Committee**

- Viacheslav Adamchuk, McGill University, Canada
- Barry Allred, USDA-ARS, USA
- Richard Ferguson, University of Nebraska-Lincoln, USA
- Robin Gebbers, Leibniz-Institute for Agricultural Engineering (ATB), Germany
- Raj Khosla, Colorado State University, USA
- Peter Schulze Lammers, University of Bonn, Germany
- Alex McBratney, University of Sydney, Australia
- Jose Molin, University of Sao Paulo, Brazil
- Abdul Mouazen, Cranfield University, UK
- Sakae Shibusawa, Tokyo University of Agriculture and Technology, Japan
- Ken Sudduth, USDA-ARS, USA
- Marc Van Meirvenne, University Gent, Belgium
- Raphael Viscarra Rossel, CSIRO Land and Water, Australia
- Maohua Wang, China Agricultural University, China
- Ian Yule, Massey University, New Zealand

 **Participation**

18 Countries

Australia	Japan
Belgium	New Zealand
Brazil	Poland
Canada	Saudi Arabia
Czech Republic	South Africa
Denmark	Sweden
France	The Netherlands
Germany	UK
Italy	USA



Handouts

- **Program and Proceedings**
 - Program updates
- **List of Participants, Poster Abstract and Errata**
 - Future communication
 - Downtown map
- **Field Demonstration**
 - Macdonald Campus map
 - Rain gear



Workshop Schedule

- **May 15 – Welcome reception**
- **May 16 – First day of the workshop**
 - Lunch and two coffee breaks
- **May 17 – Second day of the workshop**
 - Lunch and two coffee breaks
 - Workshop dinner
- **May 18 – Field day**
 - Workshop branch
 - Refreshment break



Workshop Program

- **Workshop opening**
- **Session 1 – Soil electrical resistivity/conductivity sensing**
- **Session 2 – Geophysical methods in soil science**
- **Session 3 – Integrated sensing strategies**
- **Session 4 – In situ soil spectroscopy**
- **Session 5 – Spectroscopic data analysis**
- **Session 6 – Radiometric data analysis**
- **Session 7 – Scope of proximal soil sensing**
- **Industry session**
- **Final session**



Session Chairs

- **Presentations – 15 min**
 - Stay on time
- **Discussions – 30 min**
 - Encourage participation
- **Substitutions**
 - Session 4 – K. Sudduth
 - Session 5 – A. Mouazen
- **Workshop session reports**



Session Reporters

- **Session 1 – E. Lund**
- **Session 2 – R. Gebbers**
- **Session 3 – J. Molin**
- **Session 4 – B. Stenberg**
- **Session 5 – C. Hedley**
- **Session 6 – E. Lueck**
- **Session 7 – N. Tremblay**

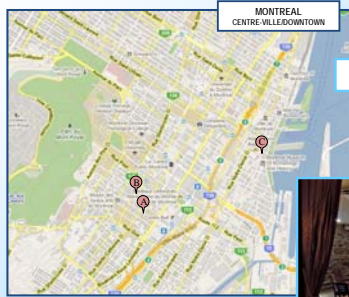


Websites

- Workshop:**
<http://adamchukpa.mcgill.ca/gwpss>
- Workgroup:**
<http://proximalsoilsensing.org>
- PDF versions of the documents**
- Proceedings papers
 - Presentation



Workshop Dinner



Nelligan Hotel



Field Day

- **Bus departure from Best Western Hotel**
 - Wednesday, May 18 at 9 am
- **Field demonstration**
 - Macdonald Farm
- **Industry presentations**
 - Geonics Limited
 - Veris Technologies, Inc.
 - The Soil Company
 - DUALEM, Inc.
 - Soil and Topography Information, Inc.
 - Solum, Inc.
- **Workshop wrap-up**



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