

Winter 2011

Our seminars are sponsored by



Date	Time	Presenter/Subject	Location
Tues, Jan 25	4:30 - 6:30	Dr. R. Kerry Rowe P.Eng. , Professor of Civil Engineering Queen's University, " Westgate Case ", paper 1 , paper 2	Ellis 224
Tues, Feb 1	4:30 - 5:30 pm	Kevin Mumford, Civil Engineering, Queen's University, " Capillary pressure revisited: dynamic effects and the influence of wettability "	Bio 1120
Tues, Feb 8	4:30 - 5:30 pm	Karina Lange, Canadian Nuclear Safety Commission , " Working for Canada's nuclear regulator as a geo-environmental engineer "	Bio 1120
Tues, Feb 15	4:30 - 5:30 pm	Magdalena Krol, Ph.D., Post-Doctoral Research Fellow Civil and Environmental Engineering, " Impact of Low Temperature Electrical Resistance Heating on subsurface Flow and Mass Transport "	Bio 1120
Tues, Feb 22		READING WEEK, NO SEMINAR	
Tues, March 1	4:30 - 6:30 pm	35th Annual Michael Bozozuk Student Forum: "Numerical Analysis of the Response of Adjacent Pipelines during Static Pipe Bursting" by Kazi Rahman, Queen's University "Thermo-hydro-mechanical-chemo-biological (THMC) properties of landfill biocover" by Tariq M. Bajwa, University of Ottawa "Initial Stress State and Stress History Effects on Liquefaction Susceptibility of Sands" by Mathan Vipulanandam, Carleton University	Bio 1120
Fri, March 4	3 - 4 pm	Bryan Watts, President of Klohn Crippen Berger and the new CGS President, " Ancient Landslide Discovered in Chilliwack "	Bio 1120
Tues, March 8	4:30 - 5:30 pm	Dennis Becker , Golder Associates, Calgary, " Testing in Geotechnical Design "	Bio 1120

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Tues, March 15	4:30 - 5:30 pm	<p>Carl T. Haas, P.E., Ph.D., Professor, Canada Research Chair in Construction & Management of Sustainable Infrastructure, Director of the Centre for Pavement and Transportation Technology (CPATT)</p> <p>"Infrastructure State Estimation"</p>	Bio 1120
Tues, March 22	4:30 - 5:30 pm	<p>Student Presentations</p> <ol style="list-style-type: none"> 1. Lauren Ashe, "Internal Erosion of bentonite in a GCL on a sideslope" 2. Mohamed Hosney, "GCLs for use in covers over arsenic-contaminated mine wastes" 3. Huma Irfan, "Geomembrane punctures in heap leach pads" 4. Daniel Jones, "PCB migration through a composite liner system" 	Bio 1120
Tues, March 29	4:30 - 5:30 pm	<p>Student Presentations</p> <ol style="list-style-type: none"> 1. Prabeen Joshi, "Physical response of geomembrane wrinkles near GCL overlaps" 2. Kaiwen Liu, "Numerical simulation of geosynthetic-reinforced embankments over rate-sensitive clays" 3. Jeffrey Oke, "Investigation into the interaction of forepoles within conventional tunnelling method" 4. Ashley Verge, "An Advisory System for Landfill Design" 	Bio 1120
Tues, Apr 5	4:30 - 5:30 pm	<p>Student Presentations</p> <ol style="list-style-type: none"> 1. Pooneh Taghizadeh-Saheli, "Sorption and diffusive transport of PBDE through an HDPE geomembrane" 2. Amanda Sheppard, "Freeze-thaw cycle effects on slope stability" 3. Yu Wang, "Analysis and Design of Joints in Sewer pipes" 4. Eric Wolinsky, "Design of a model to simulate seasonal ground water changes" 	Bio 1120
Tues, Apr 19	4:30 - 5:30 pm	<p>Dharma Wijewickreme, P.Eng., professor Civil Engineering, University of British Columbia, "Cyclic Shear Response of Natural Low-plastic Silt and Implications for Earthquake Design Practice"</p>	Bio 1120
Fri, June 3	4:30 - 5:30 pm	<p>Erik Eberhardt, University of British Columbia, "Managing Geotechnical Risk and Geological</p>	Kinesiology 107 (Division St)

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		Uncertainty Related to Mass Mining Induced Surface Subsidence"	
Thu, July 14	10:00 - 11:30 am	Dr. Timothy D. Stark , PhD, PE, DGE, FASCE, Professor of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, " Elevated Temperatures in Landfills "	Watson 217