
08:30 Conference Registration, Breakfast

09:00 CONFERENCE OPENING
Prof. D. Mitchell (Department Chair)

09:10 Three-Dimensional Numerical Modeling of Flow Around 90° Open-Channel Bends
Sangsoo Han, Pascale M. Biron, and Amruthur S. Ramamurthy

09:30 Flow Dynamics And Sediment Transport Around Paired Deflectors For Fish Habitat Enhancement
David M. Carré, Prof. Pascale M. Biron and Prof. Susan J. Gaskin

09:50 Photoreactivation Following Combined Peracetic Acid-UV Disinfection of a Physicochemical Effluent
Nicolas Martin and Prof. Ronald Gehr

10:10 Application d'un modèle pour l'exploitation d'un plan d'eau par une plante aquatique
Ruben Bodo, Abdelkrim Azzouz, Robert Hausler

10:30 – 10:50 Refreshments

10:50 Peroxidase-Catalyzed Oxidation of Steroid Estrogens
U.Khan, C. Cardinal-Watkins, A. Wojtowicz, and J. Nicell

11:10 Depth-Averaged Two Dimensional Modeling of a Modified River
Karen Ng and Prof. Susan J. Gaskin

11:30 Fate and Transport of Residual Petroleum Oils under Freeze-Thaw Temperature Cycles using X-Ray Computed Tomography
Sormeh Kashef Haghighi and Subhasis Ghoshal

11:50 A database management system for groundwater modeling in the Basin of Mexico
Jaime Carrera-Hernández, and Prof. Susan J. Gaskin

12:10 – 13:00 Lunch Break

13:00 Counter Flowing Wall Jets For Mixing And Dilution
Magdalena Tudor, A.S. Ramamurthy, and Diep Vo

13:20 Assessing the Carbonation Behaviour of Cementitious Materials for CO₂ Sequestration Purposes
Sean Monkman and Prof. Yixin Shao

13:40 Buckling Behaviour And Nonlinearity Of FRP Composite Sheet Piles
Yi Chen and Prof. Yixin Shao

14:00 CO₂ Uptake Through Carbonation of Concrete Using Simulated And Real Flue Gas
Xudong (Arthur) Zhou and Prof. Yixin Shao

14:20 – 14:40 Refreshments

14:40 Simplified Non-Linear Analysis of Negative Skin Friction On Piles And Pile Groups
Md Ahsan Habib and Prof. A M Hanna

15:00 Stress Analysis of Simply-Supported Single Cell Uniform Box Section
Sk. Amjad Hossain and Prof. M.S.Mirza

15:20 Behaviour and Analysis of Multi-Storey Steel Frame / Wood Panel Shear Walls
Caroline Blais and Colin A. Rogers

15:40 Contribution of Non-Structural Elements in Roof Diaphragm of Single Storey Steel Buildings
Simon Mastrogiuseppe and Colin A. Rogers

16:00 Shear Lag In Tension Member Welded Connections
Georges Abi-Saad and Dominique Bauer

16:20 Development of Statistical Downscaling Methods for Simulating the Daily Precipitation at a Local Site
Siddharth Pharasi and Prof. V.T.V. Nguyen

16:40 CONFERENCE CLOSING
David Carré (President of the CEGSS)

16:50 Wine and Cheese

Special Tanks to:

The Department of Civil
Engineering and Applied Mechanics

McGill Alumni Association

Faculty of Engineering

Post Graduate Student Society
(PGSS)

Mr. Joseph Kristof, Health Safety
Course Instructor

CEGSS

Civil Engineering
Graduate Student Society



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Department of Civil Engineering and
Applied Mechanics

McGill University

Montreal

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Room 497*

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