Waterloo Workshop on Computer Algebra, May 5 – 7, 2008

Room N 1002, Faculty of Science Building (WLU)

Monday, May 5

9:00		Registration, coffee
9:30	**D. MacLatchy**	Opening remarks by Dean of Science, Wilfrid Laurier University
9:45	**I. Gessel**	The Method of Coefficients
10:35		Coffee break
11:00	**P. Paule**	Combinatorial Multi-Sums: Algorithmic Approaches from Egorychev to WZ
11:50		Lunch
13:30	**G. Andrews**	Old and New Thoughts on the Rogers-Ramanujan Identities
14:10	**K. Cameron**	Coflow, Covering Vertices by Directed Circuits, and a Lower Bound on the Stability Number of a Graph
14:50		Coffee break
15:10	**C. Hoang**	A note on k-colourability of P_5-free graphs
15:40	**H. Wilf**	The permanent importance of the permanent function

Tuesday, May 6

9:00	**M. Petkovsek**	Subanalytic hypergeometric and P-recursive summation
9:50	**I. Kotsireas**	Approaches to the Hadamard conjecture and a question on Permanents of Hadamard matrices
10:20		Coffee break
10:40	**I.C. Huang**	Power Series, differentials and residues
11:30	**A. Hamel**	Restricted Cauchy Identities
12:00		Lunch
13:30	**L. Gurvits**	Van der Waerden/Schrijver-Valiant like Conjectures and Stable (aka Hyperbolic) Homogeneous Polynomials: One Theorem for all.
14:20	**E. Zima**	Divide and sum
14:50		Coffee break
15:10	**G. Egorychev**	The method of coefficients: applications in ring theory and the Collatz problem
18:30		Conference dinner

Wednesday, May 7

9:00	**D. Zeilberger**	Integral Representations from Euler to Egorychev
9:50		Coffee break
10:20	**M. Hazewinkel**	Niceness theorems
11:10		Closing
		Lunch