McMaster University
ENGINEERING
Computing & Software

Franco-Canadian Workshop on Combinatorial Algorithms

August 18-20, 2005
McMaster University, Hamilton, ON, Canada

The objective of the workshop is to bring together researchers who are working on combinatorial algorithms, the mathematics that underlies them, and their applications. Although Franco-Canadian in its orientation, the workshop welcomes research contributions from scientists anywhere in the world. Topic areas include, but are not limited to:

- Approximation & Randomized Algorithms
- Combinatorial & Continuous Optimization
- Complexity Theory
- Computational Geometry
- Discrete Mathematics
- Graphs & Networks
- Quantum/DNA Computing
- String Algorithms

INVITED SPEAKERS:

Nantel Bergeron, York University, Toronto
   "Combinatorics of Algebraic Structures"

Stephen Cook, University of Toronto
   "Proof Complexity and Combinatorial Principles"

Maxime Crochemore, Université de Marne-la-Vallée, Paris
   "Interplay Between Algorithms and Combinatorics on Words"

Bill Cunningham, University of Waterloo
   "Algorithms for Some Disjoint Path Problems"

Jean Fonlupt, Université de Paris VI
   "Good Colorations of the Vertices of a Simple Polytope and a Theorem of Scarf"

Bruce Reed, McGill University, Montréal
   "Fractional Total Colouring"

Henry Wolkowicz, University of Waterloo
   "Approximate and Exact Completion Problems for Euclidean Distance
    Matrices using Semidefinite Programming"

CONTRIBUTED TALKS:

Authors wishing to speak should submit an abstract via the conference web page by June 17, 2005. Notification of acceptance: July 5, 2005.

Authors are invited to submit contributions for inclusion in a special issue of the Journal of Combinatorial Optimization. All submitted papers will be strictly refereed according to the standard procedures of JoCO.

http://comal.mcmaster.ca

Program Committee

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