GASCOM 2006

Monday 11 September

17.00-18.00 Welcome reception and registration (at the conference place)

Tuesday 12 September

8:30 Registration

8:55 Opening

9:00 Invited lecture: *Philippe Flajolet*
Boltzmann sampling and random generation of combinatorial structures

10:00 Coffee and tea break

10:30 *Vincent Vajnovszki*
Exhaustive generation of some classes of permutations by ECO

11:00 *Elisabetta Grazzini, Emanuele Munari, Maddalena Poneti, Simone Rinaldi*
On the generation of m-compositions and m-partitions

11:30 *Jean-Luc Baril, Phan-Thuan Do*
ECO-generation of Fibonacci and Lucas permutations

12:00 *Lilian Markenzon, Oswaldo Vernet*
Weighted perfect elimination orderings and the generation of chordal graphs

12:30 Lunch time

16:30 Social activities: Visit to Dijon medieval city
Departure from hotel Kyriad Gare hotel (the official hotel of Gascom)

Wednesday 13 September

9:00 Invited lecture: *Frank Ruskey*
Exhaustive Generation of Irreducible Polynomials over Small Finite Fields

10:00 Coffee and tea break

10:30 *Antonio Bernini, Irene Fanti, Elisabetta Grazzini*
An exhaustive generation algorithm for Catalan objects and others

11:00 *Mark Weston, Vincent Vajnovszki*
Gray codes for necklaces and Lyndon words of arbitrary base

11:30 *Jean-Luc Baril*
Gray Code for permutations with a fixed number of left-to-right minima

12:00 *James Korsh, Paul LaFollette, Seymour Lipschutz*
Interleaving loopless Gray codes to obtain a loopless Gray code for the reflection group B_n

12:30 Lunch time

14:30 Invited lecture: *Elena Barcucci*

15:30 Coffee and tea break

16:00 *Marc Noy, Juanjo Rué*
Counting polygon dissections in the projective plane

16:30 *Paolo Massazza, Roberto Radicioni*
A symbolic approach to computing with holonomic functions

19:00 Conference dinner

Thursday 14 September

9:00 Invited lecture: *Bill Chen*

10:00 Coffee and tea break

10:30 *A. Frosini, S. Rinaldi*
An object grammar for the class of L-convex polyominoes

11:00 *Olivier Bodini, Eric Fusy, Carine Pivoteau*
Random sampling of plane partitions

11:30 *Abdelaaziz El Hibaoui, Nasser Saheb-Djahromi*
Broadcast with random delay transmission

12:00 *Enrica Duchi, Roberto Mantaci, Ha Duong Phan, Dominique Rossin*
Bidimensional sand pile model

12:30 Lunch time

14:30 *Asep Juarna*
On the Extended Patterns in a Simion-Schmidt's Bijection

15:00 *Antonio Bernini, Mathilde Bouvel, Luca Ferrari*
Some statistics on permutations avoiding generalized patterns

15:30 Coffee and tea break

16:00 *Toufik Mansour, Simone Severini*
Grid polygons from permutations and their enumeration by the kernel method

16:30 *Xavier Viennot*
Catalan numbers, permutations tableaux and asymmetric exclusion process

17:00 Closing of Gascom 2006