6th Conference on Formal Power Series and Algebraic Combinatorics 6^{ème} Colloque Séries Formelles et Combinatoire Algébrique

FPSAC '94 May 23-27, 1994 SFCA '94 23-27 mai 1994

CONFERENCE PROGRAM

PROGRAMME SCIENTIFIQUE

	MONDAY, May 23 LUNDI le 23 mai
	Chair Rodica Simion
9:00-10:00	Christophe Reutenauer, A survey of noncommutative rational series
Coffee break	
	Chair Laurent Habsieger
10:30-10:55	Felix Lazebnik*, V.A. Ustimenko, and Andrew Woldar, A new series of dense graphs of high girt
11:00-11:25	Come Duluca et Olivier Guibert. Mots de piles, lableaux standard et permutations de Datter
11:30-11:55	Isabelle Dutour et Jean-Philippe Dubernard, Enumération de polyominos convexes dirigés
Lunch break	
	Chair Doron Zeilberger
2:00-3:00	Sheila Sundaram, Plethysm, the partition lattice and Euler numbers
Coffee break	
	Chair Lynne Butler
3:30-3:55	Takayuki Hibi Combinatorial applications of canonical modules of Cohen-Macaulay rings
4:00-4:25	Devenue Pronti A combinatorial formula for Kazhdan-Lustig polynomials
4:30-4:55	Sergey Fomin* and Anatol N. Kirillov, Grothendieck polynomials and the Tang-Batter equation
7:30-9:00	D. A. Carrier (Holiday Inn. Cameo Room)
	- Ivan Constantineau* et Gilbert Labelle, Une généralisation automorphe des nombres de Stritting
	- Alain Denise. Enumération et génération aléatoire de chemins
	Sucanna Fishel Statistics for special Kostka polynomials
	Diama I alanda A non-commutative analogue of Weyl denominator formula
	- Richard Ehrenborg and Margaret Readdy, Juggling and applications to q-analogues
	Joseph Hemmeter, V.A. Ustimenko, and Andrew Woldar,
	Intersection numbers, eigenvalues and fusion in the orbital scheme $B_{3,2}(q)$
	TUESDAY, May 24 MARDI le 24 mai
	Chair Ira Gessel
0.00.10.00	David Jackson, Algebraic and analytic approaches for the genus series for
9:00-10:00	2-cell embeddings on orientable and nonorientable surfaces
Coffee break	
Collee Dieas	Chair Robert Cori
10:30-10:55	Jennifer Galovich* and Dennis White, Generalizations of Denert's statistic
11:00-11:25	To the state of th
11:30-11:55	
12:00-12:25	
Lunch break	
Lunch break	Chair Ian Coulden
2:00-3:00	and the homology of the algebras
Coffee break	
Collec pleak	Chair François Bergeron
3:30-3:55	Victor Reiner and Mark Shimozono*, Counting reduced words
4:00-4:25	Henrik Eriksson* and Kimmo Eriksson, Chip-firing and Coxeter elements
4:30-4:55	- · O I I I I I I I I I I I I I I I I I I
7:30-9:00	a (/rr 11) I Come Doom
1.00-0.00	• • • • • • • • • • • • • • • • • • • •

	WEDNESDAY, May 25 MERCREDI le 25 mai
0.00 10.00	Chair Richard Stanley Gil Kalai, The combinatorics of polytopes and the simplex algorithm
9:00-10:00 10:05-10:30	
Coffee break	130 Rai Lain, Da Stanicy symmetric janeticis
Confee break	Chair Gérard Duchamp
11:00-11:25	
11:30-11:55	
11.00-11.00	for determinantal formulas for symplectic and orthogonal characters
12:00-12:25	
12.00 12.20	between the tableaux of King and De Concini
12:30-12:55	Einar Steingrimsson, A decomposition of 2-weak vertex-packing polytopes
	THURSDAY, May 26 JEUDI le 26 mai
	Chair Louis Billera
9:00-10:00	Ruth Charney, Metric geometry: connections with combinatorics
Coffee break	
	Chair Volkmar Welker
10:30-10:55	Roger Howe and Rosa Huang*, Projective invariants of four subspaces
11:00-11:25	Tatiana Alekseyevskaya, Combinatorial bases in systems of simplices and of chambers
11:30-11:55	Kequan Ding, Rook placements and partition varieties $P_{\gamma} \setminus M_{\lambda}$
Lunch break	
	Chair Curtis Greene
2:00-3:00	Anders Björner, Shellability - a nonpurist view
Coffee break	
	Chair Jeff Kahn
3:30-3:55	Roland Häggkvist and Jeanette Janssen*, All-even latin squares
4:00-4:25	
4:30-4:55	
7:30-9:00	Poster Session (Holiday Inn, Cameo Room)
	- Kimmo Eriksson, Reduced decompositions in affine Coxeter groups
	- Svjetlan Feretić* and Dragutin Svrtan, Combinatorics of diagonally convex directed polyominoes
	- Alberto Del Lungo, Maurice Nivat et Renzo Pinzani,
	Polyominos convexes définis par un couple de vecteurs
	- Anne de Médicis, Victor Reiner*, and Mark Shimozono,
	Characters and inversions in the symmetric group - Eric Sopena, Computing chromatic polynomials of oriented graphs
	- Julian West, Generating trees and forbidden subsequences
	- Julian West, Generating trees and jorotation subsequences
	FRIDAY, May 27 VENDREDI le 27 mai
	Chair Andrew Odlyzko
9:00-10:00	
10:05-10:30	
Coffee break	
Conce break	Chair Dominique Gouyou-Beauchamps
11:00-11:25	
11:30-11:55	
12:00-12:25	
12.00 12.20	selon leur distributions de degrés
Lunch break	
	Chair Pavol Hell
2:00-3:00	
Coffee break	
	Chair Daniel Krob
3:30-3:55	
	A computationally intractable problem on simplicial complexes
4:00-4:25	