The 54th Séminaire Lotharingien de Combinatoire

celebrating the occasion of Xavier Viennot's 60th birthday

Organisers: Mireille Bousquet-Mélou (Bordeaux)
Christian Krattenthaler (Lyon)

Programme

	Monday, April 4	Tuesday, April 5	Wednesday, April 6
8:00 – 9:00	Breakfast	Breakfast	Breakfast
9:00 – 9:35	Flajolet	Andrews	Wilf
9:40 – 10:15	Pinzani	Duchamp	Guttmann
10:20 – 10:50	Coffee	Coffee	Coffee
10:50 – 11:25	Stanton	Foata	Schaeffer
11:30 – 12:05	Bousquet-Mélou	Reutenauer	Lascoux
12:30 – ···	Lunch	Lunch	Lunch

	Monday, April 4		Tuesday, April 5
15:30 – 16:00	Coffee	15:30 – 16:00	Coffee
16:00 – 16:35	Gessel	16:00 – 16:35	Leroux
16:40 – 17:15	Vannimenus	16:40 – 17:05	Incitti
17:20 – 17:50	Break	17:10 – 17:40	Break
17:50 – 18:15	Azenhas	17:40 – 18:05	Rosengren
18:20 – 18:45	Gasparyan	18:10 – 18:35	Pirillo
18:50 – 19:15	Biagioli	18:40 – 19:15	Viennot
19:30 – ···	Dinner	19:30 – ···	Banquet

Main Lectures

George Andrews: *Partitions with Short Sequences and Ramanujan's Mock Theta Functions*

Mireille Bousquet-Mélou: *On the Shape of Binary Trees*

Gérard Duchamp: *Quelques (joyeuses) interactions entre la combinatoire, l'informatique et la physique*

Philippe Flajolet: *The cubic Fermat Curve, Elliptic Functions, Continued Fractions, and a Combinatorial Tale*

Dominique Foata: *Mots et permutations signés : une transformation et des q-calculs*

Ira Gessel: *Symmetric Inclusion-Exclusion*

Tony Guttmann: *Staircase Polygons with Holes and Three-Choice Polygons*

Alain Lascoux: *A-t-on besoin de chemins non-coupants ?*

Pierre Leroux: *Graph Weights arising from Mayer's Theory of Cluster Integrals*

Renzo Pinzani: *Matrices ECO et matrices d'Aigner : quelques bijections et interprétations*

Christophe Reutenauer: *Une généralisation des mots de Lyndon*

Gilles Schaeffer: *Binary Trees, Super-Catalan Numbers of Order* 2*, and* 3*-Connected Planar Graphs*

Dennis Stanton: *Indecisive Continued Fractions*

Jean Vannimenus: *Exact Results for some Models of a Depinning Transition*

Xavier Viennot: *Une promenade dans le jardin des bijections*

Herb Wilf: *Closed Form Summation of C-Finite Sequences*

Contributed Talks

Olga Azenhas: *An Action of the Symmetric Group on Young Tableaux*

Riccardo Biagioli: *Tensorial Square of the Hyperoctahedral Group Coinvariant Space*

Armenak Gasparyan: *Some Combinatorial Applications of Multidimensional Matrices*

Federico Incitti: *Combinatorial Invariance of Kazhdan-Lusztig Polynomials for Short Intervals in the Symmetric Group*

Giuseppe Pirillo: *Sturmian and Episturmian Words*

Hjalmar Rosengren: *Elliptic Pfaffians and Sums of Triangular Numbers*

List of Participants

George Andrews (Penn State University)
Jean-Christophe Aval (Bordeaux)
Olga Azenhas (Coimbra)
Marilena Barnabei (Bologna)
Riccardo Biagioli (Montréal)
Flavio Bonetti (Bologna)
Mireille Bousquet-Mélou (Bordeaux)
Giusi Castiglione (Palermo)
Alessandro Conflitti (Wien)
Jacques Désarménien (Marne-la-Vallée)
François Descouens (Marne-la-Vallée)
Gérard Duchamp (Paris)
Enrica Duchi (Paris)
Mark Dukes (Bordeaux)
Theresia Eisenkölbl (Wien)
Bertfried Fauser (Leipzig)
Jean-Marc Fédou (Nice)
Luca Ferrari (Siena)
Ilse Fischer (Wien)
Philippe Flajolet (Rocquencourt)
Dominique Foata (Strasbourg)
Andrea Frosini (Siena)
Markus Fulmek (Wien)
Armenak Gasparyan (Pereslavl-Zalesskii)
Henri Gaudier (Valenciennes)
Ira Gessel (Brandeis University)
Wolter Groenevelt (Göteborg)
Victor Guo (Lyon)
Tony Guttmann (Melbourne)
Guo-Niu Han (Strasbourg)
Florent Hivert (Marne-la-Vallée)
Federico Incitti (Stockholm)
Masao Ishikawa (Tottori)
Frédéric Jouhet (Lyon)
Roman König (Erlangen)
Helmut Krämer (Hamburg)
Christian Krattenthaler (Lyon)
Daniela La Mattina (Palermo)
Alain Lascoux (Marne-la-Vallée)
Bodo Lass (Lyon)
Yvan Le Borgne (Erlangen)
Cédric Lecouvey (Caen)
Pierre Leroux (Montréal)
Guy Louchard (Bruxelles)
Jean-Gabriel Luque (Marne-la-Vallée)
Ricardo Mamede (Coimbra)
Philippe Nadeau (Paris)
Janvier Nzeutchap (Paris)
Erik Ouchterlony (Bordeaux)
Karol Penson (Paris)
Elisa Pergola (Firenze)
Pierre-André Picon (Marne-la-Vallée)
Renzo Pinzani (Firenze)
Giuseppe Pirillo (Firenze)
Antonio Restivo (Palermo)
Christophe Reutenauer (Montréal)
Maxime Rey (Marne-la-Vallée)
Simone Rinaldi (Siena)
Hjalmar Rosengren (Göteborg)
Martin Rubey (Wien)
Gilles Schaeffer (Paris)
Michael Schlosser (Wien)
Domenico Senato (Potenza)
Matteo Silimbani (Bologna)
Dennis Stanton (Minneapolis)
Volker Strehl (Erlangen)
Itaru Terada (Tokyo)
Johan Thapper (Linköping)
Jean-Yves Thibon (Marne-la-Vallée)
Christophe Tollu (Paris)
Brigitte Vallée (Caen)
Jean Vannimenus (Paris)
Xavier Viennot (Bordeaux)
Herb Wilf (Philadelphia)
Sherry Huifang Yan (Tianjin)
Laura Limin Yang (Tianjin)
Jiang Zeng (Lyon)
Alexandre Zvonkine (Bordeaux)