

74th Séminaire Lotharingien de Combinatoire

Organisers: Christian Krattenthaler (Wien)
Volker Strehl (Erlangen)
Jean-Yves Thibon (Marne-la-Vallée)
Volkmar Welker (Marburg)

Programme

	Monday, March 23	Tuesday, March 24	Wednesday, March 25
8:00 – 9:00	Breakfast	Breakfast	Breakfast
9:00 – 10:00	Bostan	Bostan	Bostan
10:00 – 10:30	Coffee	Coffee	Coffee
10:30 – 11:00	Richard	Richard	Schwerdtfeger
11:00 – 11:30			Kaouche
11:30 – 12:00	Richard	Faridi	Xiong
12:00 – 12:30		Banderier	Han
12:30 – ...	Lunch	Lunch	Lunch

15:30 – 16:00	Coffee	Coffee
16:00 – 16:30	Bigeni	Rosengren
16:30 – 17:00	Sulzgruber	Gilmore
17:00 – 17:30	Pétréolle	Viard
17:30 – 18:00	Break	Break
18:00 – 18:30	Mühle	Duchamp
18:30 – 19:00	Schure	Minh
19:00 – ...	Dinner	Dinner

Main Lectures

ALIN BOSTAN: *Computer Algebra for Lattice Path Combinatorics*

CHRISTOPH RICHARD: *Combinatorial Properties in Cut-and-Project Sets*

Contributed Talks

CYRIL BANDERIER: *Lattice paths below a line of rational slope*

ANGE BIGENI: *A new bijection which preserves Euler–Mahonian statistics*

GÉRARD DUCHAMP: *Evolution equations in Combinatorial Physics*
 SARA FARIDI: *Combinatorial commutative algebra, combinatorial resolutions of monomial ideals*
 TOMACK GILMORE: *Interactions of holes in two-dimensional dimer systems*
 GUO-NIU HAN: *The Poupard statistics on tangent and secant trees*
 AMEL KAOUCHE: *Mayer and Ree–Hoover polytopes*
 HOANG NGOC MINH: *(Pure) transcendence bases in ϕ -deformed shuffle bialgebras*
 HENRI MÜHLE: *Tamari lattices for parabolic quotients of the symmetric group*
 MATHIAS PÉTRÉOLLE: *A new hook formula due to a generalization of Nekrasov–Okounkov identity*
 HJALMAR ROSENGREN: *Askey–Wilson polynomials and tilings of a hexagon with a triangular hole*
 CHRISTOPHER SCHURE: *Two classification results on skew Schur Q -functions*
 UWE SCHWERDTFEGER: *Optimal embeddings of trees in the line*
 ROBIN SULZGRUBER: *On parking functions in types B and C*
 FRANÇOIS VIARD: *A family of posets defined from acyclic digraphs*
 HUAN XIONG: *Difference operators for partitions and some applications*

List of Participants

Olga Azenhas (Coimbra)	Hoang Ngoc Minh (Paris)
Cyril Banderier (Paris)	Henri Mühle (Paris)
Ange Bigeni (Lyon)	Quốc Hoàn Ngô (Paris)
Alin Bostan (Saclay)	Mathias Pétréolle (Lyon)
Van Chiên Bui (Paris)	Christoph Richard (Erlangen)
Dario Da Stavola (Zürich)	Hjalmar Rosengren (Göteborg)
Gérard Duchamp (Paris)	Christopher Schure (Hannover)
Theresia Eisenkölbl (Lyon)	Uwe Schwerdtfeger (Chemnitz)
Sara Faridi (Halifax)	Volker Strehl (Erlangen)
Tomack Gilmore (Wien)	Robin Sulzgruber (Wien)
Guo-Niu Han (Strasbourg)	François Viard (Lyon)
Amel Kaouche (+1+2) (Edmundston)	Volkmar Welker (Marburg)
Roman König (Erlangen)	Huan Xiong (Zürich)
Christian Krattenthaler (Wien)	Chemli Zakaria (Marne-la-Vallée)