

# 69th Séminaire Lotharingien de Combinatoire

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

## Programme

	Monday, Sept. 10	Tuesday, Sept. 11	Wednesday, Sept. 12
8:00 – 9:00	Breakfast	Breakfast	Breakfast
9:00 – 10:00	Brändén	Brändén	Brändén
10:00 – 10:30	Coffee	Coffee	Coffee
10:30 – 11:30	Leclerc	Leclerc	Leclerc
11:30 – 12:00	Nadeau	Josuat-Vergès	Duchamp
12:00 – 12:30	—	—	—
12:30 – ...	Lunch	Lunch	Lunch

15:30 – 16:00	Coffee	Coffee
16:00 – 16:30	Azenhas	Bohn
16:30 – 17:00	Nguyen	Visontai
17:00 – 17:30	Vendramin	Nordenstam
17:30 – 18:00	Break	Break
18:00 – 18:30	Kallipoliti	Lass
18:30 – 19:00	Mühle	Kasraoui
19:00 – ...	Dinner	Dinner

## Main Lectures

PETTER BRÄNDÉN: *Zeros of Multivariate Polynomials in Combinatorics*  
BERNARD LECLERC: *Cluster Algebras and Lie Theory*

## Contributed Talks

OLGA AZENHAS: *Key polynomials in type C and crystal graphs*  
ADAM BOHN: *On the question on which algebraic integers are chromatic roots*  
GÉRARD DUCHAMP: *Fuchsian-type multipliers and shuffle algebras*  
MATTHIEU JOSUAT-VERGÈS: *A Coxeter theoretic interpretation of Euler numbers*

MYRTO KALLIPOLITI: *Integer partition models for extended Catalan arrangements and generalized cluster complexes*  
 ANISSE KASRAOUI: *A simple approach to the combinatorics of linearization coefficients of orthogonal polynomials*  
 BODO LASS: *Mehler formulae for multivariate matching polynomials of graphs*  
 HENRI MÜHLE: *The Cambrian lattices are EL-shellable*  
 PHILIPPE NADEAU: *Dual braid monoids and Koszulity*  
 HOANG-NGHIA NGUYEN: *A word Hopf algebra based on the selection/quotient principle*  
 ERIC NORDENSTAM: *Tilings of half a hexagon*  
 LEANDRO VENDRAMIN: *Nichols algebras*  
 MIRKÓ VISONTAI: *Roots of generalized Eulerian polynomials arising from inversion sequences*

## List of Participants

Olga Azenhas (Coimbra)	Madeleine Leander (Stockholm)
Sabine Beil (Wien)	Bernard Leclerc (Caen)
Adam Bohn (London)	Rémi Maurice (Marne-la-Vallée)
Petter Brändén (Stockholm)	Henri Mühle (Wien)
Matthew Chasse (Stockholm)	Philippe Nadeau (Lyon)
Gérard Duchamp (Paris)	Nguyen Hoang-Nghia (Paris)
Theresia Eisenkölbl (Lyon)	Eric Nordenstam (Wien)
Dominique Foata (Strasbourg)	Soichi Okada (Nagoya)
Ilse Fischer (Wien)	Konrad Podlucky (Wien)
Masao Ishikawa (Nishihara)	Lukas Riegler (Wien)
Matthieu Josuat-Vergés (Marne-la-Vallée)	Christopher Schure (Hannover)
Myrto Kallipoliti (Wien)	Volker Strehl (Erlangen)
Anisse Kasraoui (Wien)	Jean-Yves Thibon (Marne-la-Vallée)
Peter Kirschenhofer (Leoben)	Marko Thiel (Wien)
Christian Krattenthaler (Wien)	Leandro Vendramin (Marburg)
Bodo Lass (Lyon)	Mirkó Visontai (Stockholm)