

PROGRAM SLC64

March 29-31, Institut Camille Jordan

Sunday 28 March

20h30 Dinner at Bouchon aux Vins, 62 rue Mercière, 69002 Lyon - (Métro D - Arrêt Bellecour)

Monday 29 March

Morning session - Salle Fokko du Cloux (1st floor)

9h30 - 10h30 **Arun Ram**
Lecture 1: Quantum groups and Lyndon words

10h30 - 11h00 Coffee break

11h00 - 11h30 **Philippe Nadeau**
Polynomials around the Razumov Stroganov conjecture

11h30 - 12h15 **Arvind Ayyer and Volker Strehl**
Combinatorial properties of an asymmetric exclusion process

12h15 - 13h45 Lunch

13h45 - 15h15 Visit at Parc de la Tête d'Or, if the weather is nice.

Afternoon session: Amphithéâtre (ground floor)

15h30 - 16h30 **Alain Lascoux**
Lecture 1: Key polynomials (Demazure characters) for type A,B,C,D

16h30 - 17h00 **Valentin Féray**
Asymptotic of characters of symmetric groups and limit shape of Young diagrams

17h00 - 17h30 Coffee break

17h30 - 18h00 **Florent Hivert**
The Sage-Combinat Project: Status and future

18h00 - 18h30 **Mathieu Deneufchâtel**
Asymptotic of Selberg-like integrals: the unitary case and the binomial transform

20h30 Dinner at Brasserie Georges - 30 Cours de Verdun, 69002 Lyon - (Métro A - Arrêt Perrache)

Tuesday 30 March

Morning session – Salle Fokko du Cloux (1st floor)

9h30 - 10h30 **Arun Ram**
Lecture 2: Graded quiver algebras and their representations

10h30 - 11h00 Coffee break

11h00 - 11h30 **Roberta Fulci**
Models and refined models for Coxeter groups of type B and D

11h30 - 12h00 **Christian Stump**
A cyclic sieving phenomenon in Catalan combinatorics

12h00 - 12h30 **Thomas Fieri**
Asymptotics for reflectable lattice walks in a Weylchamber of type B

12h30 - 14h00 Lunch

Afternoon session : Amphitheatre (ground floor)

15h00 - 16h00 **Alain Lascoux**
Lecture 2: Key polynomials (Demazure characters) for type A,B,C,D

16h00 - 16h30 **Masao Ishikawa**
A partial proof of Okada's conjecture for double-tailed diamonds

16h30 - 17h00 Coffee break

17h00 - 17h30 **Mathieu Josuat-Vergès**
Genocchi numbers and alternative tableaux

17h30 - 18h00 **Jang Soo Kim**
Some results on permutation tableaux

19h00 Tour of Lyon Centre Ville

20h30 Dinner at Restaurant Maison Villemazy, 25 Montée St. Sébastien, 69001 Lyon
(Métro A – Arrêt Hôtel de Ville or Métro C – Arrêt Croix-Paquet)

Wednesday 31 March

Morning session – Salle Fokko du Cloux (1st floor)

9h00 - 10h00 **Arun Ram**

Lecture 3: Indexings of canonical bases: Lyndon words, MV polytopes and the path model

10h00 - 10h45 **Anne Schilling and Nicolas Thiery**

Sorting monoids on Coxeter groups

10h45 - 11h15 Coffee break

11h15 - 12h15 **Alain Lascoux**

Lecture 3: Key polynomials (Demazure characters) for type A,B,C,D

12h15 - 12h45 **Ricardo Mamede**

On the full interval of linear expansion of a skew Schur function

12h45 - 14h30 Buffet at the Institut Camille Jordan (salle de rencontre 110 – 1st floor)