

WORKSHOP TOPOLOGY AND LANGUAGES

Institut de Mathématiques de Toulouse, 22, 23, 24 June 2016

Location: **salle MIP, building 1R3 (Institute Main Building), Université Paul Sabatier**

Tentative schedule

DAY 1

Wednesday, June 22	
09:00	Opening reception
09:15 -- 10:00	Joan Bellier-Millès <i>Operads and regular languages</i>
10:15 -- 10:30	Pause café -- Coffee and refreshments
10:30 -- 11:15	Laure Daviaud <i>A gentle introduction to the profinite theory of rational languages</i>
11:30 -- 12:00	informal discussions
12:00	Lunch
14:00 -- 14:45	Bérénice Delcroix-Oger <i>Distributive Law and Koszulity</i>
15:00 -- 15:45	Sylvain Pogodalla <i>Handsome Proof-nets for cyclic linear logic</i>
16:00 -- 16:30	Refreshments and informal discussions
16:30 -- 17:15	Christian Retoré <i>A direct proof that intuitionistic predicate calculus is complete with respect to presheaves of classical models</i>

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DAY 2

Thursday, June 23	
9:00 -- 9:45	Fabienne Chouraqui <i>The Garside groups and some of their properties</i>
10:00 -- 10:15	Pause café -- Coffee and refreshments
10:15 -- 11:00	Etienne Fieux <i>Dismantling in graphs and a relation with evasiveness conjecture for simplicial complexes</i>
11:15 -- 12:00	Simon Perdrix <i>Diagrammatic Quantum Reasoning : Completeness and Incompleteness</i>
12:00 -- 13:15	Lunch
14:00 -- 14:45	Michał Skrzypczak <i>Infinite computations, logic and topological complexity</i>
15:00 -- 15:45	Florian Deloup <i>The genus of regular languages and other ideas from low-dimensional topology</i>
16:00 -- 16:30	Refreshments and informal discussions
16:30 -- 17:15	Sylvain Salvati <i>The word problem in Z^2 and formal language theory</i>
20:00	Dîner / Dinner

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DAY 3

Friday, June 24

9:00 -- 9:45	David Fernández-Duque <i>The (poly)topologies in provability logic</i>
10:00 -- 10:15	Pause café -- Coffee and refreshments
10:15 -- 11:00	Denis Kuperberg <i>Directed minors for minimal automata</i>
11:15 -- 12:00	informal discussions about next meeting
12:00 -- 14:00	Lunch