RANDOM MATRICES, MAPS, AND GAUGE THEORY

(UMPA, ENS DE LYON, JUNE 25-29, 2018)

Venue:
- Talks: amphi A, 4th floor.
- Coffee breaks: salle passerelle, central common room, 4th floor.
- Lunch breaks Monday and Friday: catering in salle passerelle.
- Lunch breaks Tuesday-Wednesday-Thursday: cafeteria (CROUS), ground floor.
- Conference dinner: Wednesday evening at 20h.

Schedule:

	Monday	Tuesday	Wednesday	Thursday	Friday
9h30–10h30	Lévy 1/3	Krajewski 1/3	Dabrowski 2/3	Bouttier 2/3	Borot 3/3
10h30–11h	coffee break	coffee break	coffee break	coffee break	coffee break
11h–12h	Dabrowski 1/3	Bouttier 1/3	Borot 2/3	Lévy 3/3	Krajewski 3/3
12h–13h	Borot 1/3	Lévy 2/3	Krajewski 2/3	Dabrowski 3/3	Bouttier 3/3
13h–14h30	lunch break	lunch break	lunch break	lunch break	lunch break
14h30–15h30	Chen	Dahlqvist		de Tilière	Chapuy
15h30–16h	coffee break	coffee break	$\emptyset$	coffee break	coffee break
16h–17h	Maïda	Gabriel		Makeenko	

Minicourses:
- Gaetan Borot: *Topological expansions*
- Jérémie Bouttier: *Equations with catalytic variables in enumerative combinatorics*
- Yoann Dabrowksi: *Schwinger–Dyson equations in free probability*
- Thomas Krajewski: *Algebraic structures related to loop equations*
- Thierry Lévy: *The Makeenko–Migdal equations in 2-dimensional quantum Yang–Mills theory*

Talks:
- Guillaume Chapuy: *Maps and tableaux, through loop equations and constellations*
- Linxiao Chen: *A positivity bootstrap technique for validating the generating function of loop-decorated maps*
- Antoine Dahlqvist: *Makeenko–Migdal equations and the Yang–Mills measure on the sphere*
- Béatrice de Tilière: *The Z-Dirac operator and massive Laplacian operators in the Z-invariant Ising model*
- Franck Gabriel: *Permutation invariant Lévy processes and application to random walks on symmetric groups*
- Mylène Maïda: *On the Douglas–Kazakov phase transition*
- Yuri Makeenko: *Matrix models with singular potentials*