PRELIMINARY SCHEDULE (Dec. 2014)

New interactions of Combinatorics and Probability

AUGUST 24 – SEPTEMBER 4, 2015

Universidade de São Paulo, ICMC-USP, São Carlos, Brazil

Lecturers/Titles

- **Ph. Biane**, CNRS - Univ. Paris Est, France
  Determinantal processes and combinatorics (6hrs)

- **K. Ebrahimi-Fard**, ICMAT-CSIC, Madrid, Spain
  Algebraic Combinatorics (3hrs)

- **David Kelly**, Courant Institute, New York University, NY, USA
  Rough Paths Theory (6hrs)

- **A. Iambartsev**, IME-USP, Brazil
  Peierls argument for Gibbs field with chess-board symmetric external field (1.30hr)

- **H. Munthe-Kaas**, Univ. of Bergen, Bergen, Norway
  Numerical integration, structure preservation and combinatorics (4hrs)

- **F. Patras**, CNRS, Nice, France
  Algebraic Combinatorics (3hrs)

- **P. R. C. Ruffino**, IMECC-UNICAMP, Campinas, SP, Brazil
  Decomposition of stochastic flows in dual foliated manifold: extensions of time (1.30hr)

- **R. Speicher**, Univ. of Saarbrücken, Germany
  Free Probability (6hrs)

- **C. Tomei**, Pontifícia Universidade Católica do Rio de Janeiro, Brazil
  Universality in discrete copulas and Brownian bridges (1.30hr)

- **A. Wiese**, Heriot-Watt Univ., Edinburgh, Scotland
  Stochastic Calculus (4hrs)

Indicative Schedule for the 1st WEEK

Monday	Tuesday	Wednesday	Thursday	Friday
	9:00-9:45	9:00-9:45	9:00-9:45	9:00-9:45
	Det Proc I	**Det Proc** II	**Rough P** III	**Rough P** IV
10:00-11:15	10:00-10:45	10:00-10:45	10:00-10:45	10:00-10:45
Intro. Lect. I	**Intro. Lect. II**	**Free Proba** III	**Free Proba** IV	**Free Proba** V
	coffee	*coffee*	*coffee*	*coffee*
11:30-12:30	11:30-12:30	11:30-12:30	11:30-12:30	11:30-12:30
Alg. Comb I	**Alg Comb** II	**Alg Comb** III	**Alg Comb** IV	**Alg Comb** V
lunch break	*lunch break*	*lunch break*	*lunch break*	*lunch break*
15:00-16:00	15:00-16:00		15:00-16:00	15:00-16:00
Free Proba I	**Free Proba** II		**Numerics** I	**Numerics** II
16:00-17:00	16:00-17:00		16:00-17:00	
Rough P I	**Rough P** II		**Det Proc** III	

Indicative Schedule for the 2nd WEEK

Monday	Tuesday	Wednesday	Thursday	Friday
9:00-9:45	9:00-9:45	9:00-9:45	9:00-9:45	9:00-9:45
Rough P V	**Adv. Lect.** I	**Adv. Lect.** II	**Adv. Lect.** III	**Adv. Lect.** IV
10:00-10:45	10:00-10:45	10:00-10:45	10:00-10:45	10:00-10:45
Det Proc IV	**Adv. Lect.** I	**Adv. Lect.** II	**Adv. Lect.** III	**Adv. Lect.** IV
	coffee	*coffee*	*coffee*	*coffee*
11:30-12:30	11:30-12:30	11:30-12:30	11:30-12:30	11:30-12:30
Stoch I	**Stoch** II	**Numerics** III	**Det Proc** V	**Det Proc** VI
lunch break	*lunch break*	*lunch break*	*lunch break*	*lunch break*
15:00-16:00	15:00-16:00		15:00-16:00	15:00-16:00
Rough P VI	**Alg Comb** VI		**Stoch** III	**Stoch** IV
16:00-17:00	16:00-17:00		16:00-17:00	
Free Proba V	**Free Proba** VI		**Numerics** IV	