

Kinetic Theory and Related Topics (In celebration of Reinhard Illner's retirement)

PROGRAM

Friday, November 14, 2014

Time	Speaker	Title
Hickman Building, HHB 110 1:30 – 2:20	Weiran Sun, Simon Fraser Univ.	Boundary Conditions for Moment Closures.
2:30 – 3:20	J.F. Williams, Simon Fraser Univ.	Rigorous numerics for Illner's Jam Equation
3:30 – 4:00	COFFEE BREAK	
4:00 – 4:50	Nassif Ghoussoub, UBC	Moser-Onofri inequalities on the sphere: best constants and dual flows
University Club 5:00 – 6:30	RECEPTION for attendees of workshop	
Bob Wright Centre, BWC B150 6:45 – 7:45	Cédric Villani, University of Lyon & Institut Henri Poincaré	The Mathematics of Bats

Saturday, November 15, 2015

Time	Speaker	Title
Hickman Building, HHB 110 9:00 – 9:50	Slim Ibrahim, UVic	On the Vlasov-Poisson type equation on great circles
10:00 – 10:50	Razvan Fetecau, Simon Fraser Univ.	Nonlocal aggregation models with nonlinear diffusion
11:00 – 11:30	COFFEE BREAK	
11:30 – 12:20	Irene Gamba, Univ. of Texas at Austin	Approximation rates from Boltzmann to Landau equations
12:30 – 2:00	LUNCH – Free time	
2:00 – 2:50	Michael Ward, UBC	Asymptotic Analysis of Localized Solutions to Some Diffusive Problems with Small Traps
3:00 – 3:50	Martial Agueh, UVic	Local existence for kinetic models of granular media via optimal transport
4:00 – 4:30	COFFEE BREAK	
4:30 – 5:20	Junling Ma, UVic	From infectious diseases to marketing on a social network