Analytic and Geometric Aspects of Stochastic Processes
April 10-15, 2004

MEALS

Breakfast (Continental): 7:00 – 9:00 am, 2nd floor lounge, Corbett Hall, Sunday – Thursday
*Lunch (Buffet): 11:30 am – 1:30 pm, Donald Cameron Hall, Sunday – Thursday
*Dinner (Buffet): 5:30 – 7:30 pm, Donald Cameron Hall, Saturday – Wednesday
Coffee Breaks: As per daily schedule, 2nd floor lounge, Corbett Hall
***Please remember to scan your meal card at the host/hostess station in the dining room for each lunch and dinner.**

MEETING ROOMS

All lectures are held in the main lecture hall, Max Bell 159. *Please note that the meeting space designated for BIRS is the lower level of Max Bell, Rooms 155-159. Please respect that all other space has been contracted to other Banff Centre guests, including any Food and Beverage in those areas.*

SCHEDULE

	Saturday	***Sunday***	***Monday***	***Tuesday***	***Wednesday***	***Thursday***
7.00-9.00	x	Continental Breakfast, 2nd floor lounge, Corbett Hall				
(Session Chairs)	x	*(Barlow)*	*(Driver)*	*(Coulhon)*	*(Elworthy)*	*(Hsu)*
9:00-9:30	x	*9:15 - Welcome & Introduction*	x	Kumagai	Takeda	x
9.30-10.30	x	Burdzy	Saloff-Coste	Virag	LeJan	Lyons
10:30-11:00	x	Coffee Break, 2nd floor lounge, Corbett Hall				
11.00-12:00	x	K-T Sturm	Elworthy	Van den Berg	Coulhon	x
12.00-12.10	x	x	x	Group Photo	x	x
11.30-13.30	x	Buffet Lunch, Donald Cameron Hall				
13.15-14.30	x	x	Guided Tour	x	x	x
15.00-15.30	x	Coffee Break, 2nd floor lounge, Corbett Hall (except free afternoon)				x
(Session Chairs)	x	*(Chen)*	*(Burdzy)*	x	*(Driver)*	x
15.30-16.30	x	Song	Driver	Free	Chen	x
16.30-17.00	x	Bauer	Li	Free	Deuschel	x
17.00-17.30	x	Aida	Gordina	Free	Deuschel	x
17.30-19.30	Buffet Dinner, Donald Cameron Hall					x

Notes:

1. A free guided tour of The Banff Centre is offered to all participants and their guests on **Monday**

starting at 1:15 pm. The tour takes approximately 1 hour and 15 minutes. Please meet in the 2nd floor lounge in Corbett Hall.

2. A group photo will be taken on **Tuesday** at 12:00 pm, directly after the last lecture of the morning. Please meet on the front steps of Corbett Hall.
3. See reverse for Titles of Talks.

TITLES

Aida: Weak Poincare inequalities on domains defined by Brownian rough paths

Bauer: Stochastic Loewner Evolution on a Riemann surface

van den Berg: On the expected volume of intersection of three independent Wiener sausages in R3

Burdzy: Neumann eigenfunctions and Brownian couplings

Chen: SDE driven by stable processes

Coulhon: Riesz transforms on non-compact manifolds and heat kernel regularity

Deuschel: Bismut-Elworthy formula and random walk representation of SDEs with reflection

Driver: Hypoelliptic heat kernel inequalities on the Heisenberg group

Elworthy: Uniqueness of the Gross-Sobolev derivative on path spaces

Gordina: Riemannian geometry and heat kernel measures in infinite dimensions

Kumagai: Characterization of sub-Gaussian heat kernel estimates on graphs and measure metric spaces

LeJan: Relativistic diffusions

Li: Asymptotics of Exponential barycentres of measure transported by a random flow

Lyons: Support theorems

Saloff-Coste: Hypoellipticity of Laplacians on the infinite dimensional torus

Song: Potential theory of subordinate diffusions

Sturm: Optimal mass transportation, gradient flows of probability measures and nonlinear diffusions on manifolds

Takeda: Gaugeability for symmetric alpha-stable processes and its applications

Virag: Self-similar random walks and amenability