



Banff International Research Station

for Mathematical Innovation and Discovery

The Keith Worsley workshop on Computational Modeling of Brain Dynamics: from stochastic models to Neuroimages

14-19 June 2009

Schedules

Thematic Groups and group coordinators:

EXP: Experimental constraints for neural modeling- Rolf Kotter

NMM: Neural Mass Modeling and Neural Field Modeling-Viktor Jirsa

NUM: Numerical methods-Rolando Biscay

STATS: Time series modeling and image statistics- Lee Harrison

Workshop at a glance				
Monday 15	Tuesday 16	Wednesday 17	Thursday 18	Friday 19
Barry Horwitz	Paul Nunez	Peter Robinson	Kevin Burrage	Informal discussions
Alan Evans	Amir Shmuel	Félix Carbonell/ Hugo de la Cruz	Jean Daunizeau	
Kamil Uludag	Louis Lemieux	Free Afternoon	Fabrice Wendling	Check Out
Randy McIntosh	Claus C. Hilgetag		Olivier Faugeras	
Thematic Groups breakout	Thematic Group EXP		Thematic Group NUM	
Group Photo	Thematic Group NMM		Thematic Group STATS	

MEALS

*Breakfast (Buffet): 7:00 – 9:30 am, Sally Borden Building, Monday – Friday

*Lunch (Buffet): 11:30 am – 1:30 pm, Sally Borden Building, Monday – Friday

*Dinner (Buffet): 5:30 – 7:30 pm, Sally Borden Building, Sunday – Thursday

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 meal.*

MEETING ROOMS

Discussions and lectures will be held in Max Bell 159 (Max Bell Building accessible by walkway on 2nd floor of Corbett Hall). LCD projector, overhead projectors and blackboards are available for presentations.

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 Beverages in those areas.

DETAILED SCHEDULE

Sunday 14

- 16:00 Check-in begins (Front Desk – Professional Development Centre - open 24 hours)
Lecture rooms available after 16:00 (if desired)
- 17:30-19:30 Buffet Dinner
- 20:00 Informal gathering in 2nd floor lounge, Corbett Hall
People classify themselves into the thematic groups if they haven't done so already and start exchanging.

Beverages and small assortment of snacks available on a cash honour-system.

Monday 15

- 7:00-8:45 Breakfast
- 8:45-9:00 Introduction and Welcome to BIRS by BIRS Station Manager, Max Bell 159
- 9:00-9:15 Pedro A. Valdés Sosa: Tribute to Keith Worsley
- 9:15-10:15 Barry Horwitz (30 min talk + 30 min discussion)
- 10:15-10:45 Coffee Break, 2nd floor lounge, Corbett Hall – available from 10:00 am onwards but must finish by 11:00 am
- 10:45-11:45 Alan Evans (15 min talk + 45 min discussion)
- 11:45-13:00 Lunch
- 13:00-14:00 Guided Tour of The Banff Centre; meet in the 2nd floor lounge, Corbett Hall
- 14:00-15:00 Kamil Uludag (15 min talk + 45 min discussion)
- 15:00 Group Photo; meet on the front steps of Corbett Hall
- 15:10-15:40 Coffee Break, 2nd floor lounge, Corbett Hall – available from 2:00 pm onwards but must finish by 3:30 pm
- 15:40-16:40 Randy Mcintosh (15 min talk + 45 min discussion)
- 16:40-17:40 Thematic groups discussions
- 17:40-19:30 Dinner
- 19:30

Tuesday 16

- 7:00-9:00 Breakfast
- 9:00-10:00 Paul Nunez (30 min talk + 30 min discussion)
- 10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall – available from 10:00 am onwards but must finish by 11:00 am
- 10:30-11:30 Amir Shmuel (15 min talk + 45 min discussion)
- 11:30-13:30 Lunch
- 13:30-14:30 Louis Lemieux (15 min talk + 45 min discussion)
- 14:30-15:00 Coffee Break, 2nd floor lounge, Corbett Hall – available from 2:00 pm onwards but must finish by 3:30 pm
- 15:00-16:00 Claus C. Hilgetag (15 min talk + 45 min discussion)
- 16:00-16:45 Presentation of Thematic group EXP (15 min talk + 30 min discussion)
- 16:45-17:30 Presentation of Thematic group NMM (15 min talk + 30 min discussion)
Presentation by Jens Starke. "Analyzing the influence of the neural network topology on pattern formation".
- 17:30-19:30 Dinner

Wednesday 17

- 7:00-9:00 Breakfast
- 9:00-10:00 Peter Robinson (30 min talk + 30 min discussion)
- 10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall – available from 10:00 am onwards but must finish by 11:00 am
- 10:30-11:30 Felix Carbonell/Hugo de la Cruz (15 min talk + 45 min discussion)
- 11:30-13:30 Lunch
Free Afternoon recommended

17:30-19:30 Dinner

Thursday 18

7:00-9:00 Breakfast

9:00-10:00 Kevin Burrage (30 min talk + 30 min discussion)

10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall – available from 10:00 am onwards but must finish by 11:00 am

10:30-11:30 Jean Daunizeau (15 min talk + 45 min discussion)

11:30-13:30 Lunch

13:30-14:30 Fabrice Wendling (15 min talk + 45 min discussion)

14:30-15:00 Coffee Break, 2nd floor lounge, Corbett Hall – available from 2:00 pm onwards but must finish by 3:30 pm

15:00-16:00 Olivier Faugueras (15 min talk + 45 min discussion)

16:00-16:45 Presentation of Thematic group NUM (15 min talk + 30 min discussion)

16:45-17:30 Presentation of Thematic group STATS (15 min talk + 30 min discussion)

17:30-19:30 Dinner (if desired)

Friday 19

7:00-9:00 Breakfast

9:00-10:00 Informal Discussions recommended, as many participants must catch early flights

10:00-10:30 Coffee Break, 2nd floor lounge, Corbett Hall – available from 10:00 am onwards but must finish by 11:00 am

10:30-11:30 Continue Informal Discussions

11:30-13:30 Lunch

Checkout by 12 noon.

We are welcome to use the BIRS facilities (2nd Floor Lounge, Max Bell Meeting Rooms, Reading Room) until 3 pm on Friday, although participants are still required to checkout of the guest rooms by 12 noon. **