

## **Banff workshop:**

Organized tropical convection and large-scale circulation: Theory, modelling, and observations

## **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**

All 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. 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.

## **Suggested Program and Schedule.**

The suggested agenda blends in more general short talks of 15 minutes, focused talks of 30 minutes, panel discussions, and Interactive group discussion sessions. The panels consist of a chair (one of the organizers, who will present the topic and direct the discussion) and up to 5 expert panellists. The audience and especially the young students and postdocs are encouraged to participate by asking questions and making comments. The Interactive sessions are free-format open discussion to stimulate spontaneous interactions.

## **Monday**

8:30 – 9:00 Welcoming remarks by Banff Station Manager and organizers

9:00 – 10:30 30 minutes talks (videotaped)

Moncrieff, Straub, Stechmann

Chair: Khouider

10:30 – 11:00 Coffee Break

11:00 – 12:00 Panel #1: Observations of tropical convection with a focus on the Dynamo field

campaign. Synergy between theory and observations  
Panellists: Johnson, Stechmann, Jakob, Schumacher  
Chair: C. Zhang

12:00 –14:00 Lunch Break

13:00: Banff Centre Campus Tour.

13:55 Group Photo

14:00 – 14:45 15 minutes talks followed by 15 minutes of questions and discussion  
Schumacher, Jakob,  
Chair: Majda

14:45 –15:15 Coffee Break

15: 15--16:00 15 minutes talks followed by 15 minutes of questions and discussion  
Kiladis, Dias  
Chair: Majda

16:00 –17:30 Open discussion and interactive sessions set up. Participants will initiate a general discussion on topics of general interest and come up with ideas of topics to be addressed during interactive sessions.  
Chair: Khouider

## **Tuesday**

9:00 – 10:30 30 minutes talks  
Frierson, Randall, Austin  
Chair: Majda

10:30 – 11:00 Coffee Break

11:00 – 12:00 Panel#2: GCM's Superparametrization, Stochastic Parametrization, and comparison to observations  
Panellists: Randall, Austin, Frierson, Kiladis  
Chair: Khouider

12:00 – 13:30 Lunch Break

13:30 – 14:30 15 minutes talks followed by 15 minutes of questions and discussion  
Haertel, Khairtoudinov, G. Zhang  
Chair: C. Zhang

14:30 – 15:00 Coffee Break

15:00 – 16:00 15 minutes talks followed by 15 minutes of questions and discussion  
Frenkel, Waite, Boos

Chair: B. Khouider

16:00 – 17:30 Interactive Session 2

Chair: Majda

### **Wednesday**

9:00 – 10:30 30 minutes talks

Wheeler, Hoyos, Tung

Chair: C. Zhang

10:30 – 11:00 Coffee Break

11:00 – 11:30 30 minutes talks (cont.)

Harlim

Chair: C. Zhang

11:30 – 12:30 Panel#3. Prediction and Data Assimilation for the tropics

Panellists: Wheeler, Hoyos, Tung, Harlim

Chair: Majda.

12:30 – 1:30 Lunch

Afternoon is free. Participants are encouraged to get organized into groups and go hiking.

### **Thursday**

9:00 – 10:00 15 minutes talks followed by 15 minutes of questions and discussion

Frederiksen, Biello, Smith

Chair: Khouider

10:00 – 10:20 Coffee break

10:20 – 11:00 15 minute talks plus 10 minutes discussion

Muraki, Schubert

Chair: Khouider

11:00 – 12:00 Panel #4. Mathematical theory

Panellists: Moncrieff, Frederiksen, Biello

Chair: Majda

12:00 – 13:30 Lunch

13:30 – 15:00 15 minutes talks followed by 30 minutes of questions and discussion

Johnson, Han, Sessions, Tulich

Chair: C. Zhang

15:00 – 15:30 Coffee Break

15:30 – 17:30 Interactive Session 3

Chair: C. Zhang

## **Friday**

9:00 – 10:00 15 minutes talks followed by a 15 minutes question period

Rommel, De La Chevrotiere, Ajaya Mohan

Chair: Khouider

10:00 – 10:30 Coffee Break

10:30 – 12:00 Wrap up and Conclusions

Chair: C. Zhang

12:00 Lunch

Workshop adjourns