

Global Rigidity

July 17-19 2015

MEALS

Coffee Breaks: As per daily schedule, in the foyer of the TransCanada Pipeline Pavilion (TCPL) (*included in workshop*)

***For meal options at the Banff Centre, there are food outlets on The Banff Centre campus such as Vistas Main Dining Room on the 4th floor of Sally Borden Building (breakfast: 7:00-9:30am; lunch: 11:30am-1:30pm; dinner: 5:30-7:30pm), Le Cafe (ground floor, Sally Borden Building) and the Maclab Bistro (Kinnear Centre). You will also find a good selection of restaurants in the town of Banff which is a 10-15 minute walk from Corbett Hall.**)*

MEETING ROOMS

All lectures will be held in the lecture theater in the TransCanada Pipelines Pavilion (TCPL). An LCD projector, a laptop, a document camera, and blackboards are available for presentations.

SCHEDULE

Friday

15:00 - 17:00 5 minute talks by interested participants
19:00 Dinner in Banff, location TBD

Saturday

7:00 - 9:30 Breakfast
9:30 - 10:30 Problem session
10:30 - 11:00 Coffee Break
11:00 - 11:30 Shin-Ichi Tanigawa: Sufficient conditions for the global rigidity of graphs
11:30 - 13:30 Lunch
13:30 - 14:30 Steven Gortler: Universal rigidity of complete bipartite graphs
14:30 - 15:00 Coffee Break
15:00 - 15:45 Katie Clinch: Global rigidity of direction-length frameworks
15:45 - 16:05 Hakan Guler: A necessary condition for global rigidity
16:05 - 16:35 Anthony Man-Cho So: TBA
16:35 - 17:30 Working session
19:00 Dinner in Banff, location TBD

Sunday

7:00 - 9:30 Breakfast
9:30 - 10:30 Working session
10:30 - 11:00 Coffee break
11:00 - 12:00 Working session
12:00 End
Checkout by 12 noon.

** 2-day workshops are welcome to use BIRS facilities (2nd Floor Lounge, TCPL, Reading Room) until 15:00 on Sunday, although participants are still required to checkout of the guest rooms by 12 noon. There is no coffee break service on Sunday afternoon, but self-serve coffee and tea are always available in the 2nd floor lounge of Corbett Hall. **

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TALKS

(in alphabetic order by speaker surname)

Speaker: **Katie Clinch** (Queen Mary, University of London)

Title: *Global rigidity of direction-length frameworks*

Speaker: **Steven Gortler** (Harvard)

Title: *Universal rigidity of complete bipartite graphs*

Speaker: **Hakan Guler** (Queen Mary, University of London)

Title: *A necessary condition for global rigidity*

Speaker: **Anthony Man-Cho So** (The Chinese University of Hong Kong)

Title: *TBA*

Speaker: **Shin-Ichi Tanigawa** (Kyoto University)

Title: *Sufficient conditions for the global rigidity of graphs*