

3 December 2018

## **Jas Fest - a celebration of Jasper Wall at 75 Preliminary Program**

(see <http://www.astro.ubc.ca/JAS/> for further details)

### **Tuesday 4 December**

**From 7pm** Informal reception at Sylvia Hotel (just meet in the Lounge)

### **Wednesday 5 December**

**VENUE: 318 Hennings Building, UBC**

Information for visitors: please check the location of Hennings on a map of UBC (since the campus is big!). It's officially at the corner of East Mall and Agricultural Road. There should be signs directing you to the room once you find the building. UBC is well-served by city buses, and the bus lines end quite close to our building. For those wishing to drive and park, the nearest parking structure is the "North Parkade" - it's \$3.50 per hour or \$16 for the day, but it may be full by mid-morning.

**0900** Coffee, registration etc.

**0915** Welcome and logistics: Douglas Scott

**0920** *Session 1 Jasper's contributions to telescopes, instrumentation and observatories*

**0920 – 0950** John Peacock - Radio galaxies and the large-scale statistical universe

**0950 – 1010** Tim Pearson - Radio Surveys, Cosmology and Statistics

**1010 – 1040** Tim Robishaw - History of Canadian radio astronomy

**1040 – 1100** **Coffee and comfort stop**

**1120 – 1140** Randall Rosenfeld - The changing relationship between music and astronomy; or what they didn't teach Jasper at school

**1140 – 1200** Peter Shaver - Jasper from Time to Time

**1200** Lunch

**1400** *Session 2 It's all about radio galaxies and surveys*

**1400 – 1430** Chris Blake - Prospects for cosmology with the SKA

**1430 – 1500** Russ Taylor - Deep extragalactic surveys with MeerKAT

**1500 – 1530** Tessa Vernstrom - Detecting Cosmic Magnetic Fields with Polarisation Surveys

**1530 – 1600** **Tea break**

**1600 – 1630** Rick Perley - The value of serendipity - Lessons from VLA Observations of Cygnus A

**1630 – 1700** Heinz Andernach - Large Imaging Radio Surveys: What one can find by just looking at them

**1700** end

**1800** *Movie & Pizza evening:* "The Dish"

(including comments about the real story from Jasper)

(VENUE – Hennings 201)

### **Thursday 6 December**

**0900** *Session 3 Cosmology, to infinity and beyond*

**0900 – 0930** Douglas Scott - Some things to do with the CMB

**0930 – 1000** Catherine Heymans - The Dark Universe as viewed by the Kilo Degree Survey

**1000 – 1030** Richard Shaw - The Canadian Hydrogen Intensity Mapping Experiment

**1030 – 1100 Coffee and comfort stop**

**1100 – 1230** Graduate students - short contributions (titles coming!):

Meiling Deng - The beam calibration of CHIME

Mateus Fandino - Cross-correlating the SDSS quasar catalogs with the CHIME data

Deborah Good - Early Science Results with CHIME/FRB

Ryley Hill - A galaxy proto-cluster seen at radio frequencies

Carolin Hofer - Making CHIME look bad!

Anna Hughes - Radio Observations of Cool M Dwarfs

Tristan Pinsonneault-Marotte - Cosmological Parameter Forecasts for CHIME

**1230 - Lunch**

**1500 - Bus departs UBC** (& 1530 from Sylvia Hotel) to gondola (others meet there at 1600), Grouse Mountain. Depending on the weather there are several activities on the mountain (both adventurous and non-strenuous varieties).

**19:00 - Dinner (Timber room available from 18:00)** Note that there is no organised transport back, since people will leave at different times– but information will be provided about public transport and taxi options.

## **Friday 7 December**

**0930 *Session 4 Astrostatistics: the enduring quest to fit a trend ...***

**0930 - 1000** Charles Jenkins - What Turing knew about Bayesian statistics

**1000 - 1030** Ken Kellermann - Radio Source Counts and the Steady State Universe Revisited

**1030 - 1100 Coffee and comfort stop**

**1100 - 1130** Carole Jackson - Lessons in radio source counts of the 1990s from Jasper

**1130 Jasper** - Life at the Confusion Limit

**1200 - Lunch and close**