

BIRS Workshop

Galaxy Formation: A Herculean Challenge

November 1-6, 2003



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.

A group photo will be taken on **Tuesday** noontime, directly after the last lecture of the morning. Please meet on the front steps of Corbett Hall.

SCHEDULE

	<i>Saturday</i>	<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>
7.00-8.30	x	Continental Breakfast, 2nd floor lounge, Corbett Hall				
		<i>Hi-z Gal/ Galaxy Prop</i>	<i>Extra-Gal /M31</i>	<i>Galaxy</i>	<i>ICM/Substrc</i>	<i>CMB/DM</i>
8.30-8.45	x	Chapman ¹	Shapley ²	Steinmetz	Springel ²	Scott
8.50-9.05	x	Ferguson ¹	Springel ¹	Fardal	McCarthy	Hoekstra ²
9.10-9.25	x	Shapley ¹	Cox	Stern	Balogh ²	Quinn
9.30-9.45		Ellison	Abel	Abadi	Davé ²	Hayashi
9.50-10.05		Hoekstra ¹	Hearn	Thacker	Lake	Holley-B
10:10-10.40	x	Coffee Break, 2nd floor lounge, Corbett Hall				
10.40-10.55		Moustakas	Stinson	Davé ¹	Taylor ¹	Primack ²
11.00-11.15	x	Sawicki	Balogh ¹	Taylor ²	Babul	
11.20-11.35	x	Primack ¹	Ferguson ²	Ostriker	Benson ²	
11.40-11.55	x	Benson ¹	Guhathakurta ²	Wadsley	Somerville ²	
12:00-12.15		Somerville ¹	Chapman ²	Group Photo	Navarro	
12.20-13.30	x	Buffet Lunch, Donald Cameron Hall				
13.30-17.30	x	Informal Interaction	Informal Interaction	Informal Interaction	Informal Interaction	x
17.30-19.30	Buffet Dinner, Donald Cameron Hall					x
19.30-21.00	x	Open Forum Moderator: Joel Primack	Open Forum Moderator: George Lake	Open Forum Moderator: J.P. Ostriker	Free Evening	x

*for participants who are giving two talks, the superscript indicates the talk that we recommend for that particular session – see the list of proposed talks on the next page



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<i>SPEAKER</i>	<i>TITLE</i>
Abadi, Mario	“Dynamical Properties of Simulated Galaxies”
Abel, Tom	“Feedback from the First Stars”
Babul, Arif	“Modeling Disk Heating”
Balogh, Michael	“Groups in the 2dFGRS and SDSS” “ICM Entropy Generation”
Benson, Andrew	What Shapes the Galaxy Luminosity Function” “CDM Substructure and the Thickness of Galaxy Disk”
Chapman, Scott	“Redshifts, Astrophysics, Clustering and Masses of SCUBA Galaxies” “Weighing Andromeda with a Giant Stream: the Mass of the M31 Halo”
Cox, T.J.	“Star Formation, Feedback and Winds in Galaxy Major Mergers”
Davé, Romeel	“How Galaxies Assemble” “The Physics Driving Galaxy Group Scaling Relations”
Ellison, Sara	“The Structure of High Redshift Absorption Galaxies from Gravitational Lensing”
Fardal, Mark	“Selection Biases in Dark Matter Halo Simulations”
Ferguson, Harry	“High Redshift Galaxies from GOODS” “Stellar Populations in the M31 Halo”
Guhatakurta, Puragra	“Nature of Dwarf Ellipticals in the Virgo Cluster” “Spectroscopy of Red Giants in M31’s Halo”
Hayashi, Eric	“Dark Matter Halo Mass Profiles and LSB Rotation Curves”

Hearn, Nathan	“Hot Gas Production in Colliding and Merging Galaxies”
Hoekstra, Henk	“The Relation between Galaxies and Dark Matter from Weak Lensing” “Properties of Dark Matter Halos from Weak Lensing”
Holley-Bockelmann, Kelly	“Bar-Induced Evolution of Dark Matter Halos”
Lake, George	“Substructure in Halos: What’s Happening at M^* ?”
McCarthy, Ian	“Intracluster Medium Entropy and the Intrinsic Scatter in the L-T Relation”
Moustakas, Leonidas	“Morphologies and Masses of Galaxies at $z > 1$: The Prospects of SIRTf”
Navarro, Julio	“The Hierarchical Formation of the Milky Way”
Ostriker, Jerry	“Galaxy Formation: More Questions than Answers”
Pogosyan, Dmitry	TBA
Primack, Joel	“A Non-Parametric Approach to Galaxy Morphological Classification” “Dark Matter Halo Shapes”
Quinn, Tom	“Density Profiles of Dark Matter Halos”
Sawicki, Marcin	“Evolution in the Galaxy Population”
Scott, Douglas	“CMB Status and Prospects”
Shapley, Alice	“Rest Frame Optical Spectra of $z \sim 2$ Star-Forming Galaxies: Evidence for Disks and Solar Metallicity” “Observational Properties of Outflows in $z \sim 3$ Ly-break Galaxies”
Somerville, Rachel	“Untangling the Star Formation History of Mass and Light from Multi-Wavelength Surveys” “Modeling the Internal Structure of Galactic Disks and Spheroids: Recent Progress and Open Issues”
Springel, Volker	“The Impact of Galactic Winds on the Ly-alpha Forest”

“Thermal Conduction in Galaxy Clusters”

Steinmetz, Matthias

“The RAdial Velocity Experiment (RAVE): a Survey of the Radial Velocities and Metallicities of 50 Million stars in the Milky Way”

Stern, Luke

“Galaxy Morphology and Accretion History”

Stinson, Greg

“Star Formation and Feedback in SPH Galaxy Simulations”

Taylor, James

“Is Over-Merging Over Yet? Modeling Substructure in Galaxy Halos”

“Dwarf Galaxy Properties as a Constraint on Reionization”

Thacker, Rob

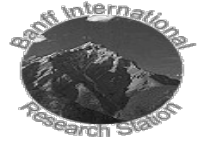
“Initial Conditions Revisited”

Wadsley, James

“The Role of Mixing in Astrophysical Flows”



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