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July 6, 2011

Black Holes VIII Conference Report

Black Holes --Theory and Mathematical Aspects is an international research-related conference held every other year that concentrates on the latest advances in the theoretical and mathematical aspects of black hole physics.

The 8th meeting in the series, Black Holes VIII, was held in Niagara Falls Ontario at the Oakes Hotel. The conference consisted of a series of invited and contributed seminars from conference participants. There were 19 invited talks of 40 minutes each and 39 contributed talks of 20 minutes each. Invited and contributed seminars were interspersed so as to maximize the engagement of all participants at the meeting. There was a break each afternoon to allow participants to engage in informal discussions. Talks were grouped together by theme as much as possible. For example, Wednesday morning concentrated on issues in black hole radiation, Thursday morning on numerical relativity, Friday on gauge-gravity duality, and Saturday on astrophysical aspects of black holes. Registration was on Tuesday afternoon May 10, and the conference began Tuesday evening at 7PM followed by a welcoming reception at 9PM. The conference schedule is appended to this report.

Participants at the conference were from Canada (48), Chile (2), Ireland (3), Italy (1), Iran(1), Japan(1), Russia (1), UK (4), and USA (7). There were 21 graduate students (of whom 16 gave contributed seminars), 11 postdoctoral fellows (of whom 8 gave contributed seminars), and 35 faculty/researchers (of whom 19 gave invited seminars and 14 gave contributed seminars).

Contributions to the conference were pledged by the Atlantic Association for Research in the Mathematical Sciences, the Canadian Institute for Advanced Research, the Canadian Institute for Theoretical Astrophysics, the Perimeter Institute, the University of Alberta Theoretical Physics Institute, and the University of Waterloo. An account at the University of Waterloo was set up to collect registration, accommodation, and meal costs, and to allow for expenses for the meeting as the arose. The Oakes Hotel billed the University of Waterloo for these aforementioned costs. Local expenses for all invited speakers were covered by the conference registration fees, as well as travel costs for all non-Canadian invited speakers. Graduate students were supported based on need. A financial statement is appended.

The participants and organizers of BHVIII are most grateful for the support received for this stimulating scientific meeting.

Sincerely,

A handwritten signature in black ink that reads "Robert Mann". The signature is written in a cursive style and is enclosed in a thin black rectangular box.

Robert Mann, Professor

RBM

Budget for Black Holes VIII -- May 10-14 2011

Revenue

		Subtotals	Totals
Committed Contributions			
University of Waterloo Physics	\$1,000		
University of Alberta Theoretical Physics Institute	\$1,000		
Perimeter Institute	\$3,000		
CITA	\$3,000		
CIFAR (for fellows)	\$2,577		
AARMS	\$3,000		
		\$13,577	
Registration Fees			
12 Faculty/other @ \$200 each + 4 late	\$3,320		
7 Postdocs @ \$150 each + 4 late	\$1,730		
21 Students @ \$80 each	\$1,680		
	Registration Revenue	\$6,730	
	Committed Revenue	\$20,307	
Accommodation Revenue			
7x4+5x1 Quad @ \$40 each/night	\$1,320		
2x5 Triple @ \$40 each/night	\$400		
7x4 + 9x5 Double @ \$55 each/night	\$4,015		
1x3+10x4+4x5+1x6 Single @ \$100 each/night	\$6,900		
Remove Accom Revenue May 9 and 14	-\$1,500		
	Accommodation Revenue	\$11,135.00	
	Meal Revenue	\$6,600.00	
	Total Revenue		\$38,041.50

Expenses

Qty	Unit Cost	Subtotals	
Oakes Hotel May 10-12 (129 room nights)		\$12,771.00	
Oakes Hotel May 13 (41 room nights)		\$4,879.00	
Internet		\$900.00	
	Accom-subtotal	\$18,550.00	
179 Dinners May 10 - 13, 2011	\$17.99	\$3,220.21	
64 Food for Reception on May 10, 2011	\$7.99	\$511.36	
64 Drink pp for Reception on May 10, 2011	\$5.75	\$368.00	
184 Breakfasts May 11 - 14, 2011	\$7.49	\$1,378.16	
263 Coffee Breaks A.M. May 11 - 14, 2011	\$6.00	\$1,578.00	
199 Coffee Breaks P.M. May 11 - 13, 2011	\$2.25	\$447.75	
180 Lunches - May 11 - 14, 2011	\$11.24	\$2,023.20	
	Food-subtotal	\$9,526.68	
Gratuity - on food only at 15%		\$1,429.00	
Tourism Improvement Fee 3%		\$815.30	
	Gratuity-subtotal	\$2,244.30	
	Total owed to Oakes Hotel		\$30,320.98
Travel for non-Canadian Invited Speakers		\$1,711.98	
Graduate Student Support		\$5,800.00	
Miscellaneous		\$150.00	
	Additional Expenses		\$7,661.98
	Total Expenses		\$37,982.96



Invoice

Niagara Hospitality Hotels Inc.
 6546 Fallsview Blvd.
 Niagara Falls, ON
 L2G 3W2

Date	Inv #
3-May-15	5/11/15
	Revised

Bill To: University of Waterloo
 Black Holes V111 Workshop, Attn Robert Mann
 200 University Ave West
 Waterloo, ON, N2L 3G1
 Tel: 519-885-1211 ext 36285

Qty	Description	Rate	Total
129	Room Nights at Oakes Hotel Arrival May 10, 2011 - for 3 nights at 40 / 44 / 45 rooms per night	\$ 99.00	12,771.00
41	Room Nights at Oakes Hotel for 1 night May 13, 2011	\$ 119.00	4,879.00
60	Internet	\$ 15.00	900.00
179	Dinners May 10 - 13, 2011	\$ 17.99	3,220.21
64	Food for Reception on May 10, 2011	\$ 7.99	511.36
64	Drink pp for Reception on May 10, 2011	\$ 5.75	368.00
184	Breakfasts May 11 - 14, 2011	\$ 7.49	1,378.16
263	Coffee Breaks A.M. May 11 - 14, 2011	\$ 6.00	1,578.00
199	Coffee Breaks P.M. May 11 - 13, 2011	\$ 2.25	447.75
180	Lunches - May 11 - 14, 2011	\$ 11.24	2,023.20
	Gratuity - on food only at 15%		1,429.00
	Subtotal		29,505.68
	Tourism Improvement Fee 3%		815.30
	HST 13% - reg # 864817614 RP0001		3,941.73
	Less DEPOSIT RECEIVED		-
All Invoices are Stated In Canadian \$			\$ 34,262.71

Make Cheques payable to Niagara Hospitality Hotels Inc.- attention Controller, at the address above

BHVIII Schedule

	Tuesday 10-May	Wednesday 11-May	Thursday 12-May	Friday 13-May	Saturday 14-May
7:00	Arrival and Registration	Breakfast	Breakfast	Breakfast	Breakfast
8:00		Breakfast	Breakfast	Breakfast	Breakfast
8:30		Breakfast	Breakfast	Breakfast	Breakfast
8:45		Schleich	Husain	Peet	Campanelli
9:00		McGrath	Taves	Ahmadzadegan	Winicour
9:30		Ghezelbash	Leonard Condron	Brenna Pourhasan	Lehner
9:50		Ghezelbash	Leonard Condron	Brenna Pourhasan	Lehner
10:10		Ghezelbash	Leonard Condron	Brenna Pourhasan	Lehner
10:30		Break	Break	Break	Break
10:50		Yale	Pielahn	Faraoni	Cannon
11:10		Hodgkinson	Duffy	Rannu	Yoshino
11:30		Unruh	Kunstatter	Pfeiffer	Boyle
11:50		Unruh	Kunstatter	Pfeiffer	Boyle
12:10		Lunch	Lunch	Lunch	Lunch
12:30		Lunch	Lunch	Lunch	Lunch
12:50		Lunch	Lunch	Lunch	Lunch
13:00		Lunch	Lunch	Lunch	Lunch
13:15		Winstanley Maeda	Kreienbuehl Frolov, A	Park Copsey	Departure from BHVIII
13:35		Winstanley Maeda	Kreienbuehl Frolov, A	Park Copsey	
13:55	Frolov	Myers	Hartnoll		
14:15	Frolov	Myers	Hartnoll		
14:35	Break	Break	Break		
14:40	Banados		Witt		
15:00	Abdolrahimi		Pagnutti		
15:20		Discussion & Free Time			
15:40		Discussion & Free Time			
16:00	Discussion & Free Time	Discussion & Free Time	Discussion & Free Time		
16:20	Discussion & Free Time	Discussion & Free Time	Discussion & Free Time		
16:40	Discussion & Free Time	Discussion & Free Time	Discussion & Free Time		
17:00	Supper	Supper	Supper		
17:20	Supper	Supper	Supper		
17:40	Supper	Supper	Supper		
18:00	Supper	Supper	Supper		
18:20	Supper	Supper	Supper		
18:40	Supper	Supper	Supper		
19:00	Poisson	Das Daghigh	Lucietti Stotyn	Seahra Vega	
19:20	Poisson	Das Daghigh	Lucietti Stotyn	Seahra Vega	
19:40	Booth	Mann	Horowitz	Ross	
20:00	Booth	Mann	Horowitz	Ross	
20:20	Page	Mureika	Kundhuri	Al Zahrani	
20:40	Page	Pranzetti	Shoom Stojkovic	Lake	
21:00					
22:00	Reception				
23:00	Reception				