



**BIRS Workshop
Schrödinger Evolution Equations
April 22–27, 2006**

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.*

SCHEDULE

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
7:00-9:00	X	Continental Breakfast, 2nd floor lounge, Corbett Hall				
8:45-9:00	X	BIRS Welcome	X	X	X	X
9:00-9:45	X	D. Tataru	N. Tzirakis	I. Bejenaru	S.-I. Doi	X
9:45-10:30	X	H. Smith	S. Ibrahim	M. Visan	A. Hassell	X
10:30-11:00	X	Coffee Break, 2nd floor lounge, Corbett Hall				
11:00-11:45	X	J. Holmer	S. Nakamura	G. Zhou	L. Robbiano	X
11:45-12:00	X	X	Group Photo ¹	X	X	X
11:30-13:30	X	Buffet Lunch, Donald Cameron Hall				
13:00-14:00	X	X	Guided Tour ²	free afternoon	X	X
14:30-15:15	X	M. Grillakis	K. Nakanishi	free afternoon	H. Koch	X
15:15-15:45	X	Coffee Break, 2nd floor lounge, Corbett Hall (except Tues.)				
15:45-16:30	X	T. Tao	G. Staffilani	free afternoon	M. Nakamura	X
16:30-17:15	X	P. Gérard	N. Burq	free afternoon	R. Carles	X
17:30-19:30	Buffet Dinner, Donald Cameron Hall					X

¹A group photo will be taken on Monday, directly after the last lecture of the morning. Please meet on the front steps of Corbett Hall.

²A free guided tour of The Banff Centre is offered to all participants and their guests on Monday starting at 1:00 pm. The tour takes approximately 1 hour. Please meet in the 2nd floor lounge in Corbett Hall.



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TITLES
(in chronological order)

Speaker: **Daniel Tataru** (Berkeley)

Title: *Long time parametrices for Schrödinger equations*

Speaker: **Hart Smith** (Washington)

Title: *L^p bounds on eigenfunctions for Holder metrics*

Speaker: **Justin Holmer** (Berkeley)

Title: *Fast Soliton Scattering by Delta Impurities*

Speaker: **Manoussos Grillakis** (Maryland)

Title: *Title*

Speaker: **Terence Tao** (UCLA)

Title: *Growth of higher Sobolev norms for the cubic NLS in T^2*

Speaker: **Patrick Gérard** (Orsay)

Title: *Nonlinear Schrödinger equations on the four-dimensional sphere*

Speaker: **Nikolaos Tzirakis** (Toronto)

Title: *Low regularity global well-posedness for the Zakharov and Klein-Gordon-Schrödinger system*

Speaker: **Slim Ibrahim** (McMaster)

Title: *Title*

Speaker: **Shu Nakamura** (Tokyo)

Title: *Semiclassical singularity propagation property for Schrödinger equations with long-range perturbations*

Speaker: **Kenji Nakanishi** (Kyoto)

Title: *Nonlinear Schrödinger limit of the Zakharov systems in the energy space*

Speaker: **Gigliola Staffilani** (MIT)

Title: *On the L^2 critical Schrodinger equation*

Speaker: **Nicolas Burq** (Orsay)

Title: *Ill posedness for supercritical NLS and wave equations*

Speaker: **Ioan Bejenaru** (UCLA)

Title: *On Schrödinger Maps*

Speaker: **Monica Visan** (UCLA)

Title: *Global well-posedness and scattering for the defocusing L^2 -critical NLS in four dimensions with radial data*

Speaker: **Gang Zhou** (Toronto)

Title: *Title*

Speaker: **Shin-Ichi Doi** (Osaka)

Title: *Dispersion of singularities of solutions to some Schrödinger equations*

Speaker: **Andrew Hassell** (ANU)

Title: *Microlocal structure of the Schrödinger propagator*

Speaker: **Luc Robbiano** (Versailles)

Title: *The Kato Smoothing Effect for Schrödinger Equations with Unbounded Potential*

Speaker: **Herbert Koch** (Dortmund)

Title: *A class of third order dispersive equations in 2d*

Speaker: **Makoto Nakamura** (Tohoku)

Title: *Title*

Speaker: **Remi Carles** (Bordeaux)

Title: *WKB analysis for nonlinear Schrödinger equations with potential*