 **University at Buffalo** The State University of New York

Photo: Dan Heupel

University at Buffalo Department of Physics

PHYSICS AT THE FALLS



A SERIES OF WORKSHOPS AND CONFERENCES

QFS2015: INTERNATIONAL SYMPOSIUM ON QUANTUM FLUIDS AND SOLIDS

Aug. 9 - Aug. 15 2015

Conference and Event Center,
Niagara Falls, USA

Topics of Interest:

Liquid and solid ^4He , ^3He , ^3He - ^4He mixtures, hydrogen,
Trapped atomic gases
QFS topics in magnetism and superconductivity
Strongly correlated condensed systems
Condensed-matter systems at the quantum limit
QFS model systems in cosmology, hydrodynamics and HEP
Novel experimental techniques developed at low temperatures

ORGANIZING COMMITTEE : Francis M. Gasparini, UB (co-chair) | Eckhard Krotschek, UB (co-chair) | John Cerne, UB |
Sambandamurthy Ganapathy, UB | Bruce D. McCombe, UB | Jeevak Pargia, Cornell

<http://www.ubevents.org/event/qfs2015>

Organizing Committee:



Frank Gasparini, co-chair



Eckhard Krotscheck, co-chair



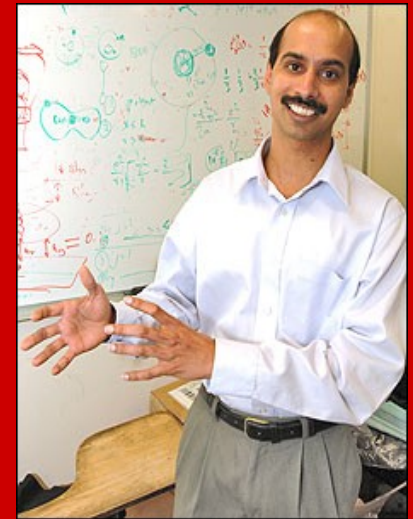
Bruce McCombe



Jeevak Parpia



John Cerne



Murthy Ganapathy

Walking Map of Niagara

DOWNTOWN NIAGARA USA



Invitation to attend QFS 2015

Save the dates: Aug. 10-15, 2015

Pre-conference organization:

Handled by UB Office of Special Events

- Registration website
- Collect conference fee
- On-site registration support
- Handling of publications
- Name tags
- Conference poster

Invitation to attend QFS 2015

Save the dates: Aug. 10-15, 2015

On-site support:

Niagara Conference Center

- Conference Planner assigned for program execution
- Audio Visual Package to include projector, mic, flip charts & tech support
- One Break Out Room
- Use of the Business Center
- Full Size Pad, Pens, Water Service & Candy

Niagara Tourism & Convention Corporation



- Welcome signs
- Welcome bags containing local area information or an information table available during the Conference
- Press releases
- Photos for pre-mailers/info for attendance building

Conference Center Niagara Falls



Adjacent to the Sheraton (80 steps)



- Flexible Meeting Space
- Ergonomic Chairs
- Built in AV
- IACC Certified (International Association of Conference Centers)
- Tack-able Walls
- Specialized Lighting
- Built in Sound
- Drop Down Screens

Ample room for satellite workshops

Proposals for satellites and mini-workshops are invited



Invitation to attend QFS 2015

Save the dates: Aug. 10-15, 2015

Conference Hotel:
Sheraton At The Falls

200 rooms have been reserved at a reduced rate

Access to fitness center

Indoor Pool

Complimentary WLAN

City parking lot across the street

Other hotels in walking distance (book early !)

Sheraton Amenities:

- 392 Total Guestrooms
- 25 Suites
- Fitness Center / Indoor Pool
- Complimentary High Speed Wireless Internet
- TGI FRIDAY'S
- Starbucks



**For QFS we offer:
August 10-15, 2015**

- 200 Guestrooms available per night reserved
- Rate of \$149.00 per night
- Book early, this is high season !

Alternative (student) accommodation: On-campus dormitory style rooms

- Approx. 60 \$/night
- Breakfast provided
- Shuttle service from UB campus to the Conference Center will be organized (~20 mins ride)



Touristic Attraction: Footsteps to the Falls



Ten Minute Walk to Canada





Maid of the Mist

Cave of the Winds



Back-to-back Conference



University at Buffalo Department of Physics

PHYSICS AT THE FALLS



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INTERNATIONAL CONFERENCE ON RECENT PROGRESS IN MANY-BODY THEORIES

Aug. 16 - Aug. 21, 2015

Conference and Event Center,
Niagara Falls, USA

Topics of Interest:

Many-Body Problems in Condensed Matter Physics
Quantum Fluids and Solids
The Nuclear Many-Body and Relativistic Theories
Cluster Physics
Many-Body aspects of Cold Gases
High Energy Density Matter and Intense Lasers
New Developments in Computational Many-Body Techniques
Quantum Phase Transitions
Non-equilibrium many-body theory

ORGANIZING COMMITTEE : Eckhard Krotscheck - Chair, Physics Buffalo, eckhardk@buffalo.edu | Jong Han - Co-Chair |
Shigeji Fujita | Xuedong Hu | Peihong Zhang | Igor Zutic

www.ubevents.org/event/manybody2015

Between the Conferences



University at Buffalo Department of Physics:

PHYSICS AT THE FALLS



A SERIES OF WORKSHOPS AND CONFERENCES

STUDENT DAYS / TUTORIALS

Aug. 15 - Aug. 16, 2015

Conference and Event Center,
Niagara Falls, USA

Lecturers:

Frank Gasparini: Critical Phenomena and Finite Size Effects

Jordi Boronat: Quantum Monte Carlo simulations from Cold Gases to Quantum Fluids

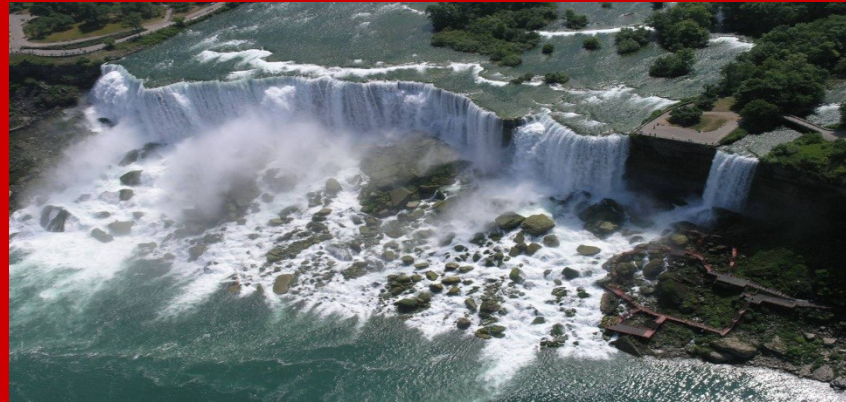
Henri Godfrin: Liquid ^3He : an ideal experimental system for fermionic Many-Body theory

Gerardo Ortiz: Topological Quantum Matter

www.ubevents.org/event/qfs2015

www.ubevents.org/event/manybody2015

Summary



- Experienced support team at the Niagara Convention Center
- Experienced support team at UB-SUNY
- Easy access (Shuttle service from Buffalo Airport)
- Conference Hotel: Sheraton At The Falls;
- Student accommodation: Greiner Hall on Campus
- Touristic highlights for participants and accompanying persons
- Over 12 restaurants within walking distance
- More hotels in walking distance