

**QUARK MATTER 2001  
FIRST ANNOUNCEMENT  
May 2000**

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**==> Important Dates:**

Registration Begins	September 1, 2000
Fellowship Application Deadline	October 1, 2000
Abstract Submission Deadline	October 15, 2000
Early Registration Deadline	November 1, 2000
Hotel/Dorm Reservation Deadline	November 1, 2000
Conference Dates	January 15-20, 2001

## ==> General Information

The Fifteenth International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (QM 2001) will be held on Long Island, New York, January 15 – 20, 2001. The main site of the conference will be on the campus of the State University of New York at Stony Brook, New York. It will include an afternoon of parallel sessions and tours of the Relativistic Heavy Ion Collider (RHIC) facility at nearby Brookhaven National Laboratory.

## ==> Conference Schedule

The tentative schedule for the conference is as follows:

Sunday	January 14	PM	Registration and Reception
Monday	January 15	AM	Plenary Session
		PM	Plenary Session
Tuesday	January 16	AM	Plenary Session
		PM	BNL Parallel Sessions RHIC Facility Tours
Wednesday	January 17	AM	Plenary Session
		PM	Parallel Session
		PM	Banquet
Thursday	January 18	AM	Plenary Session
		PM	Excursions
Friday	January 19	AM	Plenary Session
		PM	Parallel Session
Saturday	January 20	AM	Plenary Session

The conference will conclude at lunchtime on January 20, 2001  
The official language of the conference will be English.

## ==> **Scientific Program**

The focus will be on the study of matter at ultra-high temperatures and densities, with new data from BNL and CERN, and the latest theoretical views. The conference will provide a first opportunity to look at events and early data from the four experiments at RHIC with heavy ion collisions at a new frontier of center-of-mass energies. There will be discussions of the insights and conclusions drawn from the SPS heavy ion program. Future projects and directions, and new instrumentation will be presented.

A subcommittee drawn from the Organizing Committee and local members of the International Advisory Committee will organize the scientific program. The subcommittee members are:

Barbara Jacak, Chair	Stony Brook
Mark Baker	BNL
Miklos Gyulassy	Columbia
Tim Hallman	BNL
John Harris	Yale
Dima Kharzeev	BNL
Larry McLerran	BNL
Jeffery Mitchell	BNL
Thomas Schaefer	Stony Brook/RIKEN
Thomas Ullrich	Yale
Bill Zajc	Columbia

## ==> **BNL Day**

A special afternoon is planned at Brookhaven on Tuesday January 16th. This will include an afternoon of parallel sessions focusing on present and future detectors, instrumentation, and theory sessions dealing with phenomenology and recent results from lattice gauge calculations. The afternoon will also provide a unique opportunity to tour the RHIC accelerator facilities and the four RHIC experiments.

## ==> **Contributed Papers**

Instructions for the submission and preparation of abstracts and contributed papers will be given in subsequent announcements and posted on the conference web-site.

### **==> Talks and Proceedings**

Facilities will be available for the presentation of all plenary talks and many of the parallel talks using direct projection of computer displays, as well as the more traditional overhead projectors. Transparencies of the plenary talks will be published electronically on the conference web-site to facilitate ease of access. Detailed instructions to speakers will be forthcoming in future announcements. Participants will receive a copy of the proceedings containing all talks presented in the plenary and parallel sessions.

### **==> Fellowship and Student Programs**

A program of student activities is being planned at Quark Matter 2001 to enhance the educational experience for students and young scientists. Details will be given in future announcements. We expect to have a limited pool of funds available to support the attendance of students. Low cost meals will also be available at BNL and on campus for breakfast and dinner. Fellowship applications will be made available on the conference web-site.

### **==> Social Program**

There will be a reception on Sunday evening in the Javits Center at Stony Brook. The conference banquet will take place on Wednesday evening, and the conference excursion will be on Thursday afternoon. Benefiting from the cultural and recreational activities accessible on Long Island, there will be an extensive companions program which will be detailed in subsequent announcements.

### **==> Hotel Accommodations**

We have secured 350 rooms in full-service hotels (price range \$140/night), local motels (priced around \$100/night) and 135 dormitory rooms in the BNL housing complex (price \$18/night single). Dormitory rooms will be given preferentially to students. It is assumed that those people directly involved in RHIC will use the housing facilities that they normally use for BNL visits. There will be ample parking at the hotels and on campus, and shuttle bus service will be provided to and from the hotels and dormitories, and for the main off-campus conference functions (i.e. BNL day, excursions and banquet).

## **==> Travel**

Stony Brook is located on the North Shore of Long Island approximately 100km from New York City, which is served by 3 major airports. La Guardia and JFK airports are more convenient. Newark airport is located in New Jersey, on the other side of Manhattan. A smaller airport (Long Island MacArthur) is only 15km from campus. The conference has negotiated certain discounts with Southwest Airlines, and details will be provided on the web-site at a future date.

The campus has direct service from the Long Island Rail Road, and is also easily reached by car.

## **==> Registration**

Registration will be accomplished electronically through the Conference web-site. Details will be provided in future announcements. In order to accurately plan for the conference attendance, the organizers request an indication of interest by completing and returning the attached pre-registration form, if you have not already done so. The form can also be submitted directly from the web-site.

## **==> Further Information and Correspondence**

Up to date information regarding the conference can be found on the web-site at:

**<http://www.c-ad.bnl.gov/qm2001/>**

Collaborations that would like to hold meetings before or after the conference should contact the organizers as soon as possible.

Questions, correspondence and requests for additional information should be sent by email to the conference secretariat at:

**[qm2001@bnl.gov](mailto:qm2001@bnl.gov)**