

# **Final Announcement**

## **1) General Information**

The Thirteenth International Conference on Ultra-Relativistic Nucleus - Nucleus Collisions will be held on December 1 - 5, 1997 in Tsukuba, Japan. Like previous Quark Matter conferences, the major focus at the conference will be on experimental and theoretical highlights in relativistic heavy-ion collisions, with emphasis on the production and characteristics of high temperature/density and of the quark gluon plasma. The site of the conference will be University Hall complex of the University of Tsukuba and will begin on Sunday evening, November 30, with a welcome reception. The conference will end around noon on December 5. The official language of the conference will be English. This conference is sponsored by the Yamada Science Foundation as the XLVIII Yamada Conference and by the University of Tsukuba. This conference is also supported by the Commemorative Association for the Japan World Exposition (1970), High Energy Accelerator Research Organization (KEK) and The Institute of Physical and Chemical Research (RIKEN).

## **2) Scientific Program**

The scientific program will begin at 9:00 A.M. on Monday, December 1, and will end at 12:30 P.M. on Friday, December 5. The conference will consist of nine plenary sessions, two afternoons of parallel sessions and poster sessions. In addition, the exhibitions by companies will be held in Room F (Fourth Conference Room). Please refer to the enclosed preliminary scientific program for details. All the sessions will be held in the building of the University Hall complex.

### ***a) Plenary Session:***

There will be 29 plenary talks and 6 summary talks. As a first trial in this series of conferences, summary talks of the parallel sessions will be presented on Friday morning, where all the highlights of the parallel sessions will be discussed. All the plenary sessions will be held in Room A (Auditorium).

### ***b) Parallel Session:***

There will be parallel sessions in the afternoon of Tuesday and Thursday. Over 40 talks have been selected for oral presentation from more than 240 contributed papers. These talks are grouped according to topics. Three sessions will be run concurrently in Room A (Auditorium), Room B (Hall) and Room C (International Conference Hall) in the University Hall complex.

### ***c) Poster Session:***

Posters will be displayed in Room D (Special Conference Room) during the whole week of the conference. In addition, time will be dedicated for the discussion of poster presentations in the afternoon of Tuesday and Thursday, in which the authors of the posters are expected to be present.

The authors of the posters are requested to inform their intention of participation to the poster session by e-mail; [qm97@tac.tsukuba.ac.jp](mailto:qm97@tac.tsukuba.ac.jp) by November 25. The posters should be installed on Monday afternoon by the author and removed on Friday morning. The size of each panel is 90cm wide and 210cm high.

### ***d) Proceedings:***

The proceedings of the conference, containing the talks presented in the plenary and the parallel sessions, will be published in Nuclear Physics A as has been done for the previous Quark Matter Conferences. All the participants will receive a copy of the proceedings.

## **3) Social Program**

### ***a) Welcome Reception***

The Welcome Reception will be held on Sunday evening from 7:30 P.M. to 9:00 P.M. with drinks and light meals. The venue is the restaurant "19" which is on the 19th floor of Mitsui Building, the tallest building in Tsukuba. It is located at the center of Tsukuba and is a 5 minute walk from Tsukuba Bus Center or Tsukuba Dai-ichi Hotel. The registration desk will also be open at the lobby in front of the restaurant.

### ***b) Music Session***

There will be a Music Session on Tuesday night. A concert featuring two groups, I Solisti Ibaraki Chamber Ensemble and the Kimura Classical Guitar Ensemble, will be on Tuesday night from 8:30 P.M. to 10:00 P.M. in Room B (Hall). A program will be available at the registration desk. Bus services will be available.

### ***c) Excursion***

An excursion will be held on Wednesday afternoon. You will find an Excursion Ticket in your conference bag. Choose one course out of the following and exchange it for the ticket of each course at the Registration Desk. The capacity of each course is limited and the tickets will be provided on a first-come, first-served basis.

#### ***Courses:***

##### **EX-1: Mt. Tsukuba (Capacity : 50 people)**

Tsukuba Shrine: The building of the shrine is an excellent example of Japanese shrine architecture.  
Mt. Tsukuba : You will be able to go up Mt. Tsukuba by cable car. It provides a magnificent view of the Kanto Plain.

Note: In case of rain, this course will be changed to EX-4.

##### **EX-2: Japanese Art Museum (Capacity : 100 people)**

Tenshin Memorial Museum of Art, Ibaraki: The museum has just opened this November for the purpose of promoting Japanese art and offering wide opportunities of art enjoyment. You can see the masterpieces of Tenshin Okakura, who made a great contribution to Japanese modern art and those of other famous artists, such as Taikan Yokoyama, Gahou Hashimoto, Kanzan Shimomura and Shunsou Hishida.

##### **EX-3: Kasama (Capacity : 100 people)**

Kasama Yaki (Kasama Ware): Visit the Kasama-yaki studio and see the process of Kasama-yaki pottering, one of the specialities of Kasama City, which has been industrialized since 1772.

Kasama-Inari: Established in dedication to Ukanomitama-no-Mikoto, a Shinto deity, it has helped to develop the city into a shrine town. The Chrysanthemum Festival held in October and November attracts large crowds of people from surrounding districts.

##### **EX-4 : The National Museum of Japanese Folk History (Capacity : 100 people)**

The museum's research and exhibits range from pre-historical, ancient to modern times, visually presenting the various moments and aspects of history including lifestyle, residences, clothes and industries. The quality of the displays and the importance of the exhibits instantly convey that this is a national museum designed for the pleasure of the public as well as for research.

### ***d) Banquet:***

The conference banquet will be held on Thursday evening from 7:00 P.M. at the Hotel Grand Shinonome.

### ***e) Companion Program:***

Companion Programs are available at a special rate. Those who would like to attend the program are asked to buy a ticket at the Registration Desk.

##### **AC-1: Yuki Tour (Traditional Fabric Weaving)**

**Date & Time:** December 1 (Mon.) 13:30 - 17:00

**Fare:** 4,000 yen per person

##### **Highlights:**

Senshoku Shiryokan (Dye Museum): Yuki-Tsumugi - A traditional, hand woven silk fabric, the weaving technique of which dates from the Muromachi Period (1336-1573). Visit the Museum and see the actual weaving process.

## **AC-2: Nikko Tour**

**Date & Time:** December 2 (Tue.) 9:00 - 18:30

**Fare :** 7,000 yen per person (lunch included)

### **Highlights:**

Toshogu shrine: One of the most famous of the Tokugawa Shogun's shrines

Rinnoji Temple: a Tendai-sect Buddhist temple on which the main hall has three wooden images.

It may take more than 3 hours to Nikko depending on the traffic.

## **AC-3: Tokyo Tour**

**Date & Time :** December 4 (Thu.) 9:00 - 17:30

**Fare:** 6,000 yen per person (lunch included)

### **Highlights:**

Imperial Palace Plaza: The exquisite outer garden of the Empress Dowager's residence

Asakusa Kannon Temple: One of the oldest temple in Tokyo. Enjoy its bustling arcade of souvenir shops.

Edo Tokyo Museum: See the culture and life of Tokyo, then called Edo, in the 17th - 18th century.

### **Notes :**

1. Escort service will be provided.
2. Places to visit are subject to change with or without notice.
3. Tours may be canceled or rearranged if the number of participants does not reach 20 per tour.

## **4) Travel**

A booklet of "Tsukuba Science City" is enclosed, which gives you overall description of Tsukuba and also a map of Tsukuba.

### ***a) Arrival:***

Tsukuba is located 60 km east of the New Tokyo International Airport (Narita). Direct bus service from the airport to the Tsukuba Bus Center is available at a cost of 2,540 yen/person. It will take about 100 min. No reservation is required. For more details, please see the attached sheet. If you arrive at later times, please contact the conference secretariat before November 23 so that we can arrange other way of transportation for you. For those who will come to Tsukuba from other parts of Japan, we recommend that you take a highway bus from Tokyo JR station, Yaesu-Minami Exit. It costs 1,250 yen. All the buses arrive at Tsukuba Bus Center, which is located at the center of Tsukuba. Taxi will be available at the Tsukuba Bus Center to your hotel if necessary. On November 30, our staff will be at both Narita Airport (10:00 - 19:00) and the Tsukuba Bus Center (10:00 - 20:00) to assist you. If you need any assistance, please look for our staff, who will be holding a flag of "Quark Matter '97."

### ***b) Shuttle bus:***

Shuttle bus service will be available during the conference between your hotel and the conference site, where it is needed. The time table of the shuttle bus will be available at the registration desk.

### ***c) Currency Exchange:***

Foreign currency can be exchanged at the airport and banks at Tsukuba. You can also buy Yen (¥) at the cashier of Tsukuba Dai-ichi Hotel. Please note that Yen will be required for the bus from Narita to Tsukuba.

#### ***d) Weather:***

The weather will be mostly fine, but maybe windy. The temperature will be 5 - 12 degrees Celsius during the daytime but may be at the freezing point at night. Warm clothes are recommended.

### **5) Registration**

For those who have already submitted the Registration Form, the Registration Office will send the confirmation sheet upon receipt of the remittance of your Registration fee and hotel deposit and set the hotel accommodation as requested.

All participants are requested to come to the Registration Desk and show their confirmation sheets to receive a conference bag. It will contain your name tag, a book of abstract, tickets for social programs and any further information not yet included in this announcement. Please wear the name tag at all times during the Conference. It will serve as an ID card during the conference. The registration desk will be open according to the following schedule:

November 30 (Sun.)	18:00 - 21:00	at the lobby in front of the restaurant "19"
December 1 (Mon.)	8:30 - 18:30	at the Conference Site (University Hall complex)
December 2 (Tue.)	8:30 - 18:30	"
December 3 (Wed.)	8:30 - 14:00	"
December 4 (Thu.)	8:30 - 18:30	"
December 5 (Fri.)	8:30 - 14:00	"

In case you have not yet registered, please fill in the attached registration form and send it to the Registration Office, although on-site registration is also possible. Especially, if you need your accommodation at any of the conference hotels, please do so as soon as possible. Please be aware that you may not be able to book rooms at the hotels near the conference site. The registration fee for participants is 40,000 yen and it includes lunches and coffee breaks, attendance to the reception, the music session, the excursion and the banquet, as well as a book of abstracts and the conference proceedings. The fee for accompanying persons is 15,000 yen and it includes attendance to the reception, the music session, excursion and the banquet. Payment should be in yen (¥) by either bank draft, bank transfer or major credit cards. The bank handling charge should be covered by the applicant. Personal checks are not acceptable. In case of cancellation, the full amount, except for the bank charge, will be refundable if notice is given to the Registration Office before November 15.

## 6) Hotel Accommodation

In case you have not reserved a room yet, please send the application as soon as possible.

### Hotels and Room rates:

Grade	No.	Hotel	Code	Single w/bath	Code	Twin w/bath
A	1.	Tsukuba Dai-ichi Hotel	1-S	¥9,000	1-T	¥18,000
	2.	Hotel Grand Shinonome	2-S	¥7,000	2-T	¥14,000
	3.	Hotel Sun Route Tsukuba	3-S	¥7,100	3-T	N/A
	4.	Tremont Hotel	4-S	¥8,800	4-T	¥14,300
B	5.	Hotel New Takahashi	5-S	¥6,000	5-T	N/A
	6.	Gakuen Sakurai Hotel	6-S	¥6,550	6-T	N/A
	7.	Tsukuba Sky Hotel	7-S	¥6,200	7-T	¥11,000
	8.	Tsukuba Daily-Inn	8-S	¥6,100	8-T	¥11,000
	9.	Hotel New Taka	9-S	¥6,500	9-T	¥11,000
C	10.	Tsukuba Kenshu Center	10-S	¥3,800*	10-T	N/A

Notes: 1. Room rates do not include meals.  
 2. A 5-8% tax will be added to your bill when checking out. \* = Tax is included.  
 3. Single rooms of the hotel 2, 3, 4 and 5 are fully occupied.

For applications, please fill in the space "6. Hotel Accommodation" on the Registration Form and send it to the Registration office. Application should be accompanied by the hotel deposit of 10,000 yen per room. If two participants wish to share a twin room, one of the two should make a reservation for a twin room under his/her name.

In the event of the cancellation of a hotel reservation, written notification should be sent to the Registration Office. The following cancellation fees will be deducted before refunding.

If notice of cancellation reaches the Registration Office:

Up to 8 days before the first night of stay .....2,000 yen  
 3-7 days before .....30% of daily room rate (minimum 2,000 yen)  
 1-2 days before .....50% of daily room rate  
 Less than 1 day before, or no notice given .....no refund

## 7) Miscellaneous

a) X-terminals, PC and Macintosh computers (about 10 in total) will be available in Room J (Second Conference Room). They will be connected to the Internet. Two printers including a color printer will also be available.

b) Lunches will be provided from Monday to Friday. If you require a special menu for any reasons, please inform the Registration office (Fax:81-3-3263-7077 or E-mail : kokubo@ics-inc.co.jp) by no later than November 25.

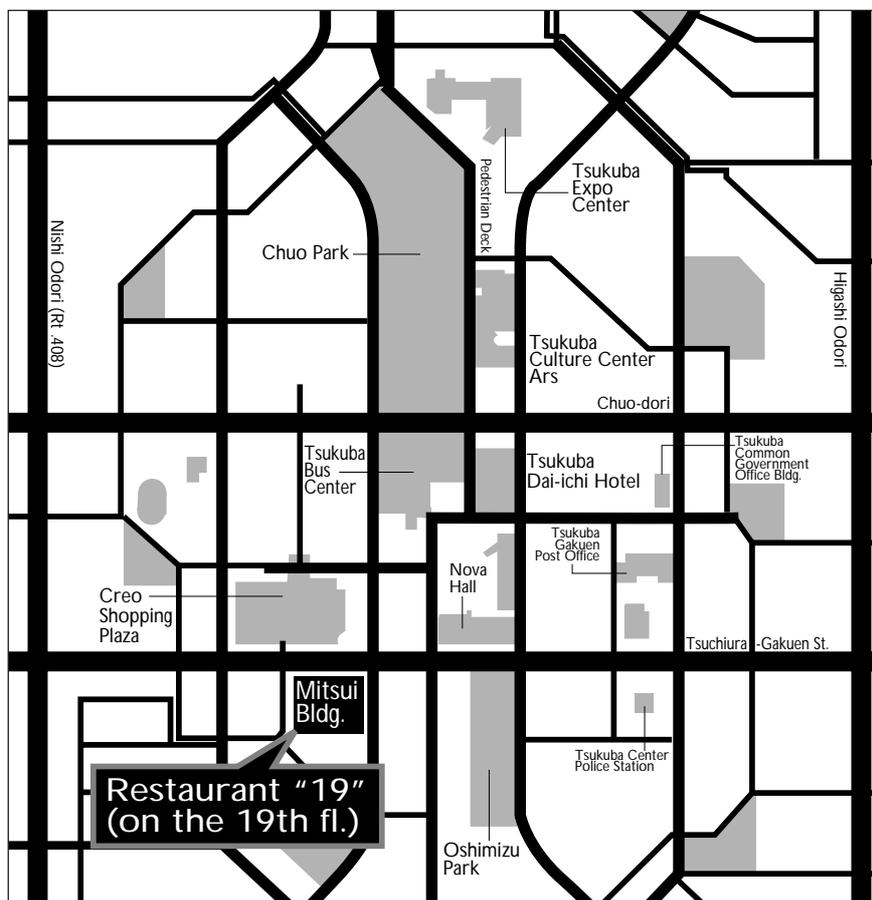
## 8) Further information and correspondence

All announcements and updated information for the conference are posted on the World Wide Web at the URL <http://www.hix.px.tsukuba.ac.jp/qm97/> and <http://www.rhic.bnl.gov/qm97/>

## *Welcome Reception on November 30*

Time: 19:30 - 21:00

Place: Restaurant "19" on the 19th floor of Mitsui Building  
1-6-1 Takezono, Tsukuba  
Phone: 0298-58-1900



We welcome your participation !