



J. Itten "Revelation", 1967, © VG Bild-Kunst Bonn, 1995

Quark Matter '96

Heidelberg, Germany

Twelfth International Conference on
Ultra-Relativistic Nucleus-Nucleus Collisions
May 20-24, 1996

Second Announcement

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The Twelfth International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions will be held from May 20-24, 1996 in Heidelberg, Germany. The site will be the Kongreßhaus Stadthalle on the Neckar river in the center of old Heidelberg, and the conferees will be housed in a number of surrounding hotels within walking distance. The conference will be organized jointly by GSI Darmstadt and the University of Heidelberg.

Program

The main focus of the conference will be on strongly interacting matter at high energy density. Items to be discussed will include new data from experiments with very heavy ions at Brookhaven and CERN, theoretical developments, related astrophysical aspects and future perspectives. The conference will consist of eight plenary sessions, grouped according to topics. Besides about 35 invited talks, there will be space for 10-15 selected

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contributions. Parallel sessions are not foreseen, but there will be an extensive poster display. The official language of the conference will be English.

The tentative topics of the sessions are

- Theory of hot QCD matter
- Stopping and flow
- Hadron yields and spectra
- Hadron correlations
- Lepton pairs and photons
- Quarkonia production
- Recent developments (mostly theoretical)
- Concluding session (reviews)

Contributions and Posters

Abstracts of contributed papers must be received by March 20, 1996. The selection for oral presentation will have to be very strict and limited to most recent theoretical developments of general interest and unanticipated new experimental results. Abstracts must be prepared in English and should fit on one page. Please use regular mail for submission. A distribution of abstracts to the conference participants is not foreseen.

Contributions not selected for oral presentation may be presented in poster form. Two different board sizes will be available, 190x100 cm² and 100x80 cm². The posters will be displayed in a room close to the lecture hall and will be accessible throughout the conference week. The poster exhibition will be formally opened on Monday evening after the reception, and authors are expected to be present then for discussions with the other conference participants.

Proceedings

The proceedings of the conference, containing the invited talks and the contributions selected for oral presentation, will be published in *Nuclear Physics A*. All participants will receive a copy of the proceedings; the cost is included in the registration fee.

Pre-Registration

A registration form is attached to this announcement and should be returned soon, but not later than March 20, 1996. The conference registration fee will be DM 400,-. A reduced fee of DM 200,- is available for undergraduate and graduate students; please mark the corresponding entry on the registration form to apply for the reduction. The conference fee includes coffee breaks and lunches

from Monday to Friday, the welcome on Sunday evening, the reception on Monday evening, the concerts on Tuesday evening, the excursion on Wednesday afternoon, the conference dinner on Thursday evening, and the conference proceedings. The registration fee for companions will be DM 100,-, including the reception(s), the concerts, the excursion and the dinner. The fees are due upon arrival in cash, traveler checks or international money orders. Personal checks or credit cards cannot be accepted.

Lodging

Hotel reservations must be made directly via the Congress Service Heidelberg. The corresponding form is enclosed with this announcement. If two participants wish to share a double room, one of the two should take the responsibility with his name filled in and the option double room checked. Since the hotel situation in Heidelberg is notoriously difficult, in particular in the lower price category, you are well advised to return the forms as soon as possible, but definitely not later than March 20, 1996. Upon receipt of prepayment, the Congress Service Heidelberg will send the confirmation form for the hotel reservation directly to you. Cancellation rules are indicated on the reservation form.

Travel

Heidelberg is a one-hour drive south of Frankfurt airport. Participants arriving by plane can continue to Heidelberg by train, by rented car or by special transportation as indicated on the hotel reservation form. A reservation including flight information is mandatory for the TLS Minibus, and definitely recommendable for the Lufthansa Bus. More details will be given in the final announcement. Participants traveling to Heidelberg by train can benefit from special rates offered in connection with the hotel reservation; the corresponding price list is attached to the hotel reservation form. Participants traveling by car can find an underground parking garage right below the conference center, but at a price. Downtown Heidelberg is restricted to pedestrians.

Social Program

There will be an informal welcome on Sunday evening and a reception on Monday evening. On Tuesday evening, musical events are foreseen, among them a concert with classical music in the *Alte Aula* of Heidelberg University. The conference excursion on Wednesday afternoon will be a 4-5 hours boat trip up the Neckar river. The conference dinner on Thursday evening will be in the *Königssaal* and the *Faßkeller* of the Heidelberg castle, and the courtyard of the castle will be closed for the general public and reserved to the conference participants and their companions already 1-1½ hours before the dinner.

Although Heidelberg and its surroundings offer a wide spectrum of easily accessible attractions, a limited optional program for companions including guided tours within the Heidelberg region and an excursion to Speyer, the medieval emperor city with its famous cathedral, is also planned.

Student support

A limited number of students can receive financial support beyond the reduction of the conference registration fee. Applications should be received not later than March 1, 1996 and should be supported by two Letters of Recommendation. These letters can be mailed separately, but the same deadline applies.

Summary of Deadlines

Pre-Registration	March 20, 1996
Hotel reservations	March 20, 1996
Abstract submission	March 20, 1996
Student support	March 01, 1996