International Congress of Mathematicians Berlin, Germany August 18-27, 1998

First Announcement

The Organizing Committee is pleased to announce that the next International Congress of Mathematicians will take place in Berlin, Germany, from Tuesday, August 18, through Thursday, August 27, 1998. It will be held under the auspices of the International Mathematical Union (IMU) and sponsored by many other institutions.

Mathematical Program

Responsibility for the scientific program lies with the Program Committee appointed by IMU. There will be about twenty one-hour Plenary Lectures covering recent developments in the major areas of mathematics and about 170 forty-five-minute Invited Lectures in nineteen sections. The sections are as follows:

1. Logic
2. Algebra
3. Number Theory and Arithmetic Algebraic Geometry
4. Algebraic Geometry
5. Differential Geometry and Global Analysis
6. Topology
7. Lie Groups and Lie Algebras
8. Analysis
9. Ordinary Differential Equations and Dynamical Systems
10. Partial Differential Equations
11. Mathematical Physics
12. Probability and Statistics
13. Combinatorics
14. Mathematical Aspects of Computer Science
15. Numerical Analysis and Scientific Computing
16. Applications
17. Control Theory and Optimization
18. Teaching and Popularization of Mathematics
19. History of Mathematics

Every registered participant (traditionally called Ordinary Member) of the Congress will have the opportunity to give a short presentation, either during a poster session or in the form of a fifteen-minute lecture. A formal call for such presentations will be issued in the Second Announcement. Informal mathematical seminars may be organized at the initiative of groups of participants. English, French, German, and Russian are the official languages of the Congress.

All Plenary and Invited Lectures will be published in the Proceedings of ICM'98; after the Congress, a complimentary copy of these Proceedings will be sent to each Ordinary Member. Abstracts of all lectures and of all short presentations will be distributed free of charge to Ordinary Members at Congress check-in.

The Fields Medals and the Nevanlinna Prize will be awarded during the Opening Ceremony on the first day of the Congress. This will take place in the International Congress Center Berlin (ICC); all other scientific events will be held at Technische Universität Berlin. No scientific activities are scheduled for Sunday, August 23.

In an effort to reach out to a wider audience, the ICM'98 organizers have initiated several cultural activities related to mathematics that are attractive to the general public. In particular, there will be a VideoMath Festival, software demonstrations, talks about mathematics and its relations to other subjects, several exhibitions (*Mathematics in the Arts*, etc.), and other events (*Mathematics and Music*, etc.).

Special consideration will be given to the impact of the Nazi regime on mathematics in Berlin and Germany.

Social Events

On August 18, a buffet-banquet for all registered participants will be held at noon directly after the Opening Ceremony in the ICC. During the Congress, a number of guided tours of Berlin, visits to museums, and walking tours will be offered. On Sunday, August 23, it will be possible to choose from several excursions. For that evening, tickets have been reserved for the opera *The Magic Flute* at the Deutsche Oper. Registered participants may purchase tickets in advance for these events as well as for many day trips and pre- or post-congress tours to places of interest in the vicinity of Berlin.

Organization

Up-to-date information about all aspects of ICM'98 is available on the following website:

`http://elib.zib.de/ICM98`

This includes information about registration, abstract submission, etc. Correspondence should be directed to

`icm98@zib.de`

It will be forwarded to an appropriate member of the Organizing Committee. If electronic communication is not available you may also write to

ICM'98
c/o Prof. Dr. J. Winkler
TU Berlin, MA 8–2
Straße des 17. Juni 135
D-10623 Berlin, Germany
FAX: +49/30/314–21604

Registration and Accommodation

DER-Congress, a professional congress and tour organizer, has been appointed by the Organizing Committee to handle all non-scientific matters for individual participants: registration to the Congress and the social events, hotel reservation, tourist program, collection of registration fees, etc. The formal registration procedure for the Congress will be described in the Second Announcement (see below).

Participants will be housed in a variety of hotels in Berlin; the necessary reservations have already been made by DER-Congress. In addition, DER-Congress will make student residences available and will provide a certain amount of private accommodation at a cheap rate for participants willing to accept less comfort. Detailed information on locations and rates will be provided in the Second Announcement.

Forms for registration and accomodation requests will be made available on the ICM'98 server in January 1998.

Second Announcement

The Second Announcement of ICM'98 will describe the activities of the Congress in more detail and give instructions on how to complete the registration process and obtain accommodation. It will provide more, although not complete, information on the scientific program, contain a call for contributed short presentations, and give instructions regarding the submission of abstracts.

The Second Announcement will also include advice on how to proceed upon arrival at airports and train stations, and it will be accompanied by a brochure describing the day trips and tours organized by DER-Congress.

Several conferences of a more specialized nature are scheduled immediately before or after ICM'98. The Second Announcement will also contain a list of such "satellite conferences".

To receive the Second Announcement, fill out the form on the ICM'98 server (`http://elib.zib.de/ICM98`). Alternatively, send an empty e-mail to `icm98@zib.de` with `Second Announcement` in the `SUBJECT` line to receive an e-mail form. If this is not possible for you, please fill out the form below and send it to the ICM'98 Secretary Prof. Winkler (see address above).

The Second Announcement will be mailed from Berlin at the beginning of 1998.

I would like to receive the Second Announcement of ICM'98. **Please print**

Name: ______________________________

last/family/surname first/given name middle name/initial

Address: ______________________________

institution

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street and number

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postal code city country

E-mail: ______________________________