

CALL FOR VIDEOS

VideoMath Festival

at the

International Congress of Mathematicians 1998 (ICM'98)

Berlin (Germany)

August, 18-27, 1998

The International Congresses of Mathematicians, taking place about every four years since 1897, belong to the most important mathematical events in the world. One distinguishing feature, among others, is the award of the Fields Medals and the Nevanlinna Prize (the "mathematical Nobel Prizes") during the opening ceremony.

The ICM'98 will take place in Berlin, Germany, from August 18 to 27, 1998. It will be accompanied by a number of cultural events. One of these events will be the *VideoMath Festival*, a public presentation of a collection of outstanding mathematical videos.

The festival is planned to attract a broad audience: ICM attendees, students, teachers, and the proverbial man-in-the-street with an inclination towards mathematics. Performances are open to the public and will take place during the period of the conference. The Urania building, a center for popular science located in downtown Berlin, will host the *VideoMath Festival* as well as other cultural events in the wake of ICM'98.

The collection of videos to be presented will be selected by a program committee. The video pieces chosen will be integrated into a feature film of up to two hours length. For more information about the *VideoMath Festival* see:

<http://www-sfb288.math.tu-berlin.de/VideoMath/>

Program Committee

The program committee currently consists of

Thomas Banchoff	Mathematics Dept., Brown University, Providence, USA
Peter Deuffhard	Konrad-Zuse-Zentrum für Informationstechnik, Berlin, Germany
George Francis	Mathematics Dept. and NCSA, Urbana-Champaign, USA
Herbert W. Franke	Universität München, Germany
David Hoffman	Mathematical Sciences Research Institute, Berkeley, USA
Heinz-Otto Peitgen	Fachbereich Mathematik, Universität Bremen, Germany
Ulrich Pinkall	Fachbereich Mathematik, Technische Universität Berlin, Germany.

Organizing Committee

The organizing committee for the *VideoMath Festival* consists of

Hans-Christian Hege	Konrad-Zuse-Zentrum für Informationstechnik Berlin, Germany (hege@zib.de)
Konrad Polthier	Fachbereich Mathematik, Technische Universität Berlin, Germany (konrad@sfb288.math.tu-berlin.de)

Call for Videos

Entries for the *VideoMath Festival* are encouraged from all areas of mathematical visualization. The submissions should appeal to a general but educated public. They should meet also highest standards with respect to mathematical content, visualization techniques, artistic design and technical quality. We strongly recommend to make the work interesting for a broad audience by selecting an appropriate subject, and by using visual elements, suitable text or narration.

The program committee, a group of internationally renowned mathematicians and computer graphics experts, will evaluate the entries and select a number of contributions according to quality and thematic balance. These will be spliced together for the final tape. To facilitate adequate judgement, a submission may include additional notes to the jury on the mathematical content of the work, new techniques that have been used, or a brief statement describing the artistic concept of the work.