



# SIGGRAPH '82

**BOSTON**

JULY 26-30, 1982

**acm**

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## SIGGRAPH '82

Ninth Annual Conference on Computer Graphics and Interactive Techniques  
July 26-30, 1982  
Boston, Massachusetts

Sponsored by the Association for Computing Machinery Special Interest Group on Computer Graphics

## Call for Papers

### Due Dates

300 Word Abstract	November 15, 1981
Complete Draft with Figures	December 15, 1981
Panel Proposals	January 15, 1982
Film, Slides, and Video	January 15, 1982
Author Notification	March 15, 1982
Final Copy	May 5, 1982

### The Conference

SIGGRAPH '82 will consist of a blend of paper and panel discussions with major emphasis on human-machine communication and applications demonstrating state-of-the-art techniques. Both hardware and software topics are encouraged. Courses will precede the conference.

### General Conference Information

Elaine L. Sonderegger  
SIGGRAPH '82 General Chairman  
P.O. Box 353  
Derby, Connecticut 06418  
(203) 735-9980

### Panels

Panel proposals should be developed by a panel moderator and should include brief descriptions of topic issues and suggested panelists. The panelists will not be expected to submit formal papers and only a summary of the panel subjects will appear in the Proceedings.

Please send two (2) copies of panel proposals to:

Carl Machover  
SIGGRAPH '82 Technical  
Program Co-Chairman  
Machover Associates Corporation  
199 Main Street  
White Plains, New York 10601  
(914) 949-3777

### Film, Slides, and Video

Film, slide, and video submissions are encouraged. When appropriate, these will be considered for acceptance without an accompanying paper, although every submission must be accompanied by a one-page abstract describing the submission. Accepted submissions will be presented at the Conference and will be distributed as the SIGGRAPH Video Review. Film may be submitted in any format. Video must be NTSC (American Standard). Send one (1) copy of submissions to R. Daniel Bergeron at the address below.

### Papers

Papers accepted will be published in the Conference Proceedings as an issue of Computer Graphics. Selected papers will be submitted for publication in the ACM Transactions on Graphics. Authors wishing their papers to be considered for TOG must so state on the paper when it is submitted. All submissions should conform to CACM publications standards in form. The suggested maximum length is eight to ten pages in final form.

Please send paper abstracts and six (6) copies of papers to:

R. Daniel Bergeron  
SIGGRAPH '82 Technical  
Program Co-Chairman  
Department of Computer Science  
University of New Hampshire  
Durham, New Hampshire 03824  
(603) 862-2321

### Suggested Topics

*Graphics Algorithms including:*  
Computational Geometry  
Surface Representation  
Animation/Dynamics  
Hidden Lines/Surfaces

*Graphics Systems and Hardware including:*  
Video/Color Devices  
VLSI Design Systems  
Distributed Graphics  
Interaction Devices

*Interactive Techniques including:*  
Languages and Models  
Program Structure  
User Interfaces  
Information Presentation

*Applications including:*  
Business Graphics  
Architecture/Engineering  
Cartography  
CAD/CAM  
Education/Training  
Medical Sciences  
Art/Entertainment  
Advertising  
Natural/Social Sciences  
Database Management  
Process Control

*System Management including:*  
Establishing Standards  
Management Development  
Cost Trade-Offs  
Obtaining Productivity  
Standards Experience  
User Training  
Selecting Hardware and Software  
Developing Utilization