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Announcement: Invitation to AMC 98 at UC Berkeley, August 3-7

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AM 98

UC Berkeley August 3-7

After a successful six year run, AM 98 — the premiere national Art & Mathematics Conference — is coming to UC Berkeley this August. This is the premiere national forum for bringing together mathematicians, artists, and educators to discuss topics of mutual interest — for example, visualization, symmetry, proportion, tessellation, polyhedra. The first three conference days are devoted to invited presentations; the final two days to intensive teacher workshops. As you can see from the program, (much additional information available on our web site: <http://http.cs.berkeley.edu/~sequin/AM98/program.html>) conference presenters include some of our most prominent artists and mathematicians.

Poincaré remarked that “a scientist worthy of the name, above all a mathematician, experiences in his work the same impressions as an artist; his pleasure is as great and of the same nature.” AM98 is dedicated to helping artists, mathematicians, and educators understand and enjoy the source of that pleasure. We hope to see you there, and we hope that you will pass this information on to other interested colleagues. Thank you.

Tentative Program for ART-MATH Conference '98

Monday, Aug. 3, 1998

Nat Friedman, Howard Levine, Carlo Séquin : Welcoming Remarks.
Linda Dalrymple Henderson : Signs of The Fourth Dimension In Modern Art.
Bruce Beasley : Polyhedral Sculpture With Complex Intersections.
Ken Herrick : Fractal and Kinetic Artworks.
Harriet Brisson : Structures of Infinite Extension.
Mike Field : Designer Chaos.
David Hoffman : Minimal Surfaces.
Ad hoc presentations by participants.

Tuesday, Aug. 4, 1998

Charles O. Perry : Implications of Mathematical Sculpture.
Carlo Séquin : Sculpture Design as a Programming Task.
Brent Collins, Steve Reinmuth : From Design to Pattern to Bronze.
Mariorie Senechal : Generalizations of Penrose Tilings.
Bill Thurston : Math Visualization.
Scott Kim : Inversions, Symmetry.
Ad hoc presentations by participants.

Wednesday, Aug. 5, 1998

Helaman Ferguson : Mathematics In Stone and Bronze.
Arthur Silverman : New Tetrahedral Sculpture
Stephanie Strickland : Poems In Conversation With Mathematics and Hypertext.
Gyongy Laky : Geometry of Form and Sculptural Constructions.
John H. Conway: On Knots and Polyhedra.
Ad hoc presentations by participants.

Thursday, Aug. 6, 1998

Kevin Lee : Tessellations.
Mike Field: PRISM - PRograms for the Interactive Study of Maps.
Nat Friedman : Fractal Stone Prints.
Howard Levine : Anamorphosis.
Ad hoc presentations by participants.

Friday, Aug. 7, 1998

George Hart : Polyhedra.
Carlo Séquin : Virtual Sculpting on a Graphics Workstation.
Karl Schaffer, Scott Kim : Geometrical Dance: Polyhedron Transformations.
Helena Verrill : Palmer's Folding Patterns.
Ad hoc presentations by participants.

Registration for AM 98

Name _____

Home Address _____

Home Phone () _____

Business address _____

Business phone () _____

Fax _____ E-mail _____

There will be rooms for participants to view each other's slides, videos, and notebooks as well as tables for displays. Please check 0 if you plan to show:

1) slides 0, 2) videos 0, 3) notebooks 0, 4) displays 0.

Main interests _____

The registration fee is \$50/day for 1-2 days and \$40/day for 3-5 days until June 1. After June 1 fees are an additional \$10/day. We expect a large turnout, so it is advisable to send your registration early to reserve a space. Space may be filled by June 1. Please make checks out to "Art and Mathematics." Send to Nat Friedman, Dept. of Mathematics, University at Albany-SUNY, Albany, NY 12222.

Any suggestions, ideas, topics for panels, etc. are welcome.

Suggestions _____

Motel (name and dates) _____