

SIGGRAPH '92 Industry/Applications Slide Set Credits

Edited by John M. Fujii, production by Diana Tuggle

The SIGGRAPH '92 industry/applications slide set presents examples of the diversity of computer graphics for visualizing, communicating and abstracting ideas in fields such as science, education, media, industry and art, and their impact on problem solving. Each of the set's 78 images are presented here in black and white to facilitate locating information about the images. The full color 35mm slide set can be ordered from: ACM order department, P.O. Box 64145, Baltimore, MD 21264; 1-800-342-6626. The ACM order number for the SIGGRAPH '92 industry/applications slide set is 915924. The cost is \$33 for members; \$44 for non-members.

Catalog number and title
Creator (if different than contact)
Contact information

1 Inside the Hypercube
Thomas M. Asbury
Texas A&M University
Department of Computer Science
11028 Jollyville Road
#240
Austin, TX 78759

2 Structure of cent-Terphenylenechromium Tricarbonyl
Mitch Nambu, Kenneth Hardcastle, Jay Siegel, Kim Baldrige, Jerry Greenberg
San Diego Supercomputer Center
P.O. Box 85608
San Diego, CA 92186-9784

3 Structure of Corannulene
Allen Borschardt, Jay Siegel, Kim Baldrige, Jerry Greenberg
Contact: See slide 2

4 Multi-Camera Observability Analysis
Christopher Cressy
StellaCom, Inc.
1901 North Moore Street, Suite 601
Arlington, VA 22209

5 Greater Propileia, Eleusis 2nd Century A.D.
Craig Davidson, Janice Cornforth, Costis Dallas, Gary Lock
Craig and Janice Davidson Mechanical Intelligence
922 Grange Hall Road
Cardiff, CA 92007

6 PDC109B
Joseph Lappa, David W. Deerfield II
David W. Deerfield II
Pittsburgh
Supercomputing Center
4400 Fifth Avenue
Pittsburgh, PA 15213

7 Hemoglobin Crystal
Joseph Lappa, David W. Deerfield II
Contact: See slide 6

8 Trypsin
Joseph Lappa, David W. Deerfield II
Contact: See slide 6

9 Kleiser/Walczak House
Sandeep Divekar
Visual Perception & Reality Inc.
433 North Camden Drive, Suite 1070
Beverly Hills, CA 90210

10 Condominium Interior
Sandeep Divekar
Contact: See slide 9

11 Variation of a Logo
Edo H. Dooijes
University of Amsterdam
Department of Computer Science
Kruislaan 403
Amsterdam 1098 SJ The Netherlands

12 Blue Mosaic
Brian Evans
Vanderbilt University
Computer Center
105 Stevenson Computer Center
Nashville, TN 37235

13 Simple Warp and Weft
Brian Evans
Contact: See slide 12

14 Acacia Shifts
Brian Evans
Contact: See slide 12

15 Kettle Setting
Audrey Fleisher
Saatchi & Saatchi Advertising
375 Hudson Street
New York, NY 10014

16 Apples
Audrey Fleisher
Contact: See slide 15

17 Rising Winter
Audrey Fleisher
Contact: See slide 15

18 Simulated Growth of a Diamond Thin Film Layer
Bernard Pailthorpe, Jerry Greenberg
Jerry Greenberg
San Diego Supercomputer Center
P.O. Box 85608
San Diego, CA 92186-9784

19 Structure of a B13 Cluster with an Electron Density Surface
Jerry Greenberg, Ryoichi Kawai, John Weare
Contact: See slide 18

20 Gas Assisted Injection Simulation
Gil Irizarry
AC Technology
31 Dutch Mill Road
Ithaca, NY 14850

21 My Home Town
Mogens Jacobsen
Kronborggade 26, II
Copenhagen N., DK-2200 Denmark

22 Mutation X Floating in the Black Void
William Latham, Stephen Todd, Ramen Sen
William Latham
IBM UK Scientific Centre
St. Clement Street
Winchester SO23 9DR
United Kingdom

23 Blossoming
Julie L. Luckett
810 Bellevue Road #280
Nashville, TN 37221

24 Mysticism
Julie L. Luckett
Contact: See slide 23

25 Architecture of the Organ of Corti
Kyle A. McNeir
University of Illinois at Chicago
Department of Biomedical Visualization
1919 West Taylor Street
Chicago, IL 60612

26 Bacheca
Gabriella Monti
RGB Computer Graphics s.r.l.
Viale Piave 17
Milano 20129 Italy

27 3D Temperature Map of Earth's Top 500km
Paul J. Morin
Minnesota Supercomputer Institute
1200 Washington Ave South
Minneapolis, MN 55415

28 Cut Section of the Anterior Human Eye
Kristin N. Mount, Robert Parshall
Kristin N. Mount
University of Illinois at Chicago
Department of Biomedical Visualization
1919 W. Taylor Street, Rm. 215
Chicago, IL 60612

29 Fixation of Tibia-Fibula
Patrick Murphy, Dino Juarez
University of Illinois at Chicago
Department of Biomedical Visualization
1919 W. Taylor Street
Chicago, IL 60612

30 3D Merger
Paul F. Neumann, Lewis Sadler, Xiaoming Chen
Paul F. Neumann
University of Illinois at Chicago
Biomedical Visualization Laboratory
1919 West Taylor Street
Chicago, IL 60612

31 HOMO orbital of ddi
TJ O'Donnell
O'Donnell Associates
1307 West Byron Street
Chicago, IL 60613

32 LUMO orbital of AZT
TJ O'Donnell
Contact: See slide 31

33 Total Electron Density of AZT
TJ O'Donnell
Contact: See slide 31

34 Molecule
Massimo Ontani
RGB Computer Graphics s.r.l.
Viale Piave 17
Milano 20129 Italy

35 Starflight '92
B. Seitz, M. Hannemann, B. Walter
Hans-Georg Pagendarm DLR
Bunsenstrasse 10
Goettingen D3400 Germany

36 Cloudy Biosphere
Dave Pape
NASA/Goddard Space Flight Center
Code 932
Greenbelt, MD 20771

37 Halley Map
Clifford A. Pickover
IBM T.J. Watson Research Center
Route 134
Yorktown Heights, NY 10598

38 Wave Functions Around Two Atoms
Melvin L. Prueitt
Los Alamos National Lab
MS-B272
Los Alamos, NM 87545

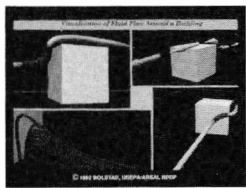
39 Microwave Cavity
Melvin L. Prueitt
Contact: See slide 38

40 Fracture in Ceramics
Melvin L. Prueitt
Contact: See slide 38

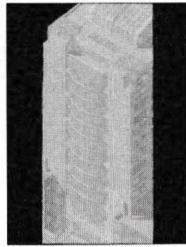
41 Bucky Ball
Melvin L. Prueitt
Contact: See slide 38

42 DNA Sequence
Melvin L. Prueitt
Contact: See slide 38

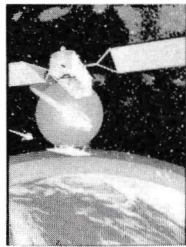
43 Combat Information Center
Richard Rabbitz, Eric Halpern, Deborah Hill, Doug Lynn
Richard Rabbitz
GE Aerospace
Marne Highway
138-202
Moorestown, NJ 08057



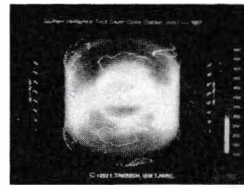
48



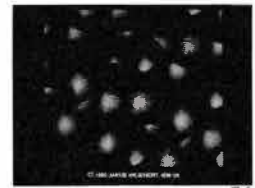
55



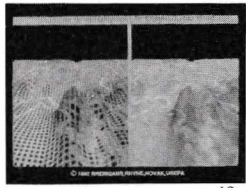
62



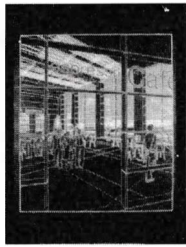
69



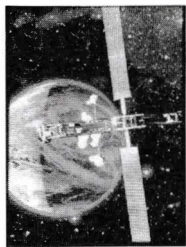
76



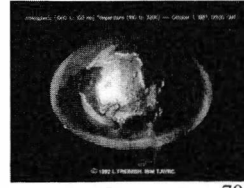
49



56



63



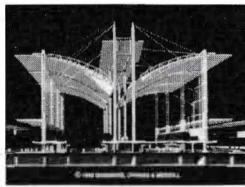
70



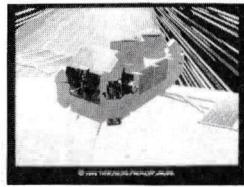
77



50



57



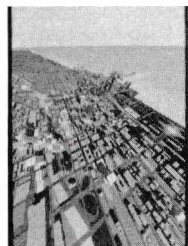
64



71



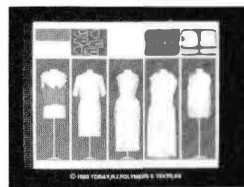
78



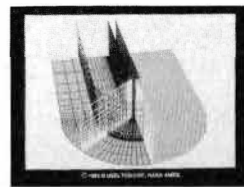
51



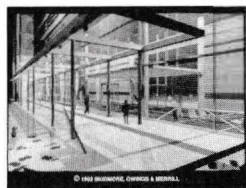
58



65



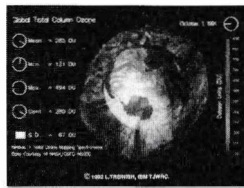
72



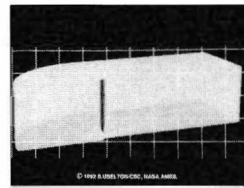
52



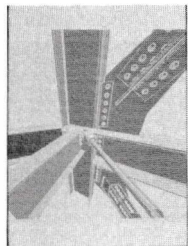
59



66



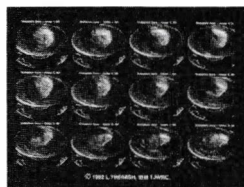
73



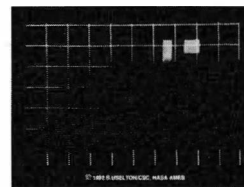
53



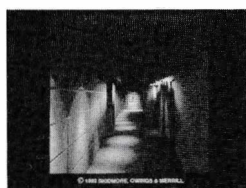
60



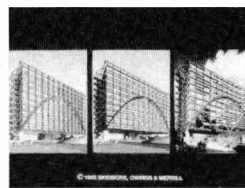
67



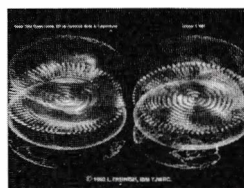
74



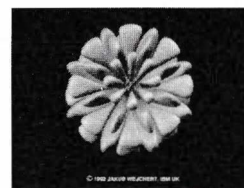
54



61



68



75