

SAT. JAN 23RD, 2-5 PM
FORT MASON C-370
LAGUNA AND MARINA, SAN FRANCISCO
FREE -- OPEN TO THE PUBLIC

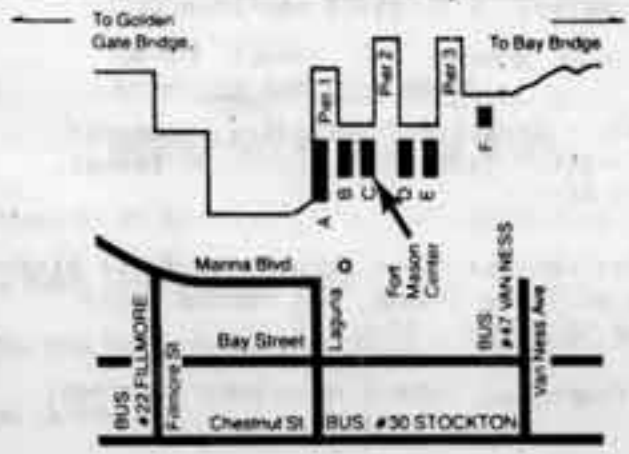
John Brunn helps Ruth Asawa plan things to do with children in San Francisco schools involving geometry and milk cartons. He is a mathematician.

Bernardo typically holds conferences with thousands of people in numerous cities simultaneously, using satellite and phone connections. He also produces movies and multi-projector slide shows.

Julianne Frizzell, a 3-D artist, does temporary on-site installations. Her last show used, among other things, three tons of sand.

Peter Richards, as coordinator of the artists-in-residence program at the Exploratorium, helps artists to make interactive works for use there. He is a light and sound sculptor.

Bring your own artwork. Also bring printed materials to add to our "Resources" bulletin board, and books to donate for Ylem's "Perpetual Book-sale." Thank you for all your help! Hope you can come + bring copy art. Tracy



YLEM CALENDAR - WINTER '82

- Winter Quarter Woman in Space - social implications, job counselling, 4 units credit, \$4. Ylem artist Amanda Marsh is one of the instructors. Foothill College, 12345 Moody Rd., Los Altos Hills. Also check out the course, Cultural Impact of Mathematics.
- Inquire now Juried space art show called Explorations needs artists. This cafe/gallery show will co-incide with nationwide Space Week 82 in July. For information, call Jon Alexander, (415) 621-4774, Progressive Space Forum.
- Jan. 16 1-5 PM The Graphics Gathering - an art gathering that computes. Request mailer with map from H. Pearlmutter (415) 338-2720
- Jan. 21 All Day Registr. 8:30 AM Bay Area O.D. Network (Organization Development) Conference - teleconferencing techniques (by teleconference arranged by Bernardo), hands-on demonstrations of interactive computer applications. Keynote speaker, Richard Burne, Asso. Dean of Communications, USC. \$50. Lone Mountain College, Turk and Masonic, San Francisco. For info call Rieko Tako, (415) 345-8448.
- Jan. 23 2-5 PM Unusual Media - Ylem bi-monthly meeting, Fort Mason C-370 San Francisco. Bring your art! Info, call (415) 856-9593.
- Feb. 1-28 "Paintings of Power and Beauty" - 50 artists have simultaneous one-man shows, among them Star Safer of Ylem. \$3 admission. Fort Mason Center, Laguna and Marin, San Francisco.
- Feb. 4-27 reception: F 2nd, 6PM. T-Sat. 11-6 "Merry Renk, Jeweller", Contemporary Artisans, 530 Bush St., San Francisco. Merry addressed the November Ylem meeting.
- 10 Saturdays starting Feb 13, 9-12 AM Computer Starter Course for Artists, California College of Arts and Crafts, Oakland. \$135 (\$100 non-credit).
- Feb. 13 1-5 PM The Graphics Gathering - creative futuristics, computer graphics, including digital Valentines. Cultural Center, 1313 Newell Rd., Palo Alto.
- Feb. 20 6 PM Ylem First Annual Get-together to celebrate our first birthday! Potluck at home of Trudy Reagan, 967 Moreno (near Oregon Expressway and 101), Palo Alto.
- March (one weekend) Computer Faire, San Francisco. (Check newspaper listings).



ARTISTS USING SCIENCE & TECHNOLOGY

Ylem (Eye -lum): 1. The primordial stuff out of which the universe emerged. 2. An emerging group of artists who believe that science and art enhance each other and human understanding.

The range of works produced by Ylem artists extends from ones representing cosmological and biological subjects to abstract or conceptual works; and from traditional media which are put to new uses to such high-tech media as computer animation and holograms. Aesthetics and perception, the humanistic uses of high-tech equipment, and the changes in paradigm created by science discoveries in this century are of vital interest to Ylem artists.

Ylem offers:

- * A newsletter featuring Ylem artists' work and philosophy; resource information; events calendar.
- * Bi-monthly programs: each features a central topic with artist speakers and people with science information, plus informal sharing and art display. The six meetings a year are held on odd-numbered months, usually on the third Saturday afternoon of the month. They are alternately held in San Francisco and Palo Alto.
- * Field trips, interest groups and get-togethers.
- * Opportunities to exhibit science-related art works. In 1982 we plan to hold a juried gallery show. Those who make moving images may also organize a performance.
- * Access to equipment and know-how.

Send to : Ylem, 967 Moreno, Palo Alto, Ca. 94303

I would like:

- a year's membership - \$10 is enclosed. name _____
- the newsletter only, since I live more than 100 miles from both Palo Alto and San Francisco. \$5 is enclosed. address _____
- city _____

NON-SUBSCRIBERS:
NOTICE! WE ARE TRIMMING OUR MAILING LIST.

INTERESTS: _____

PHONE () _____

RESOURCE LIST

ARTISTS EQUITY, 81 Leavenworth, SF, Info, group insurance, lobbyist for visual artists.

CALIFORNIA ARTS COUNCIL, Larry Briskin Assoc., 9341 Premier Way, Sacramento, Ca. 95826, wants artists' suggestions - esp. needs high-tech art input.

MEDIA ALLIANCE, Fort Mason, Bldg. D., SF, (415)441-2557; helps non-profit grps. with publicity advice.

PEOPLES' YELLOW PAGES, PO Box 31291, SF 94131, \$5.95 postpaid.

ORGANIZATIONS

WORLD PRINT COUNCIL, PO Box 26010, SF 94126, gallery - Ft. Mason, mad. bi-monthly, organizes big shows, conferences about prints. \$25. p. yr.

METAL ARTS GUILD, PO Box 4507, SF, 94101, \$15 p. yr.

BAY AREA ARTS & CRAFTS GUILD, Christina MacPherson, membership, 236 Del Monte Ave., Los Altos, Ca. 94022, Juried membership gives prestigious annual show; \$10 p. yr.

ASIFA - Int'l Animation Assoc., PO Box 14516, SF 94114; organizes The Tourn e of Animation.

FILM ARTS FD'N, 2940 - 16th St. SF 94103, (415)552-8760; Supports independent filmmakers. Send for free schedule.

TWO GROUPS PROMOTING HOLOGRAPHY: L.A.S.E.R. and Laser Affiliates. Newsletters, classes, events. For info, contact HOLOS GALLERY, 17 Haight, S.F.

PACIFIC FILM ARCHIVE, University Art Museum, Berkeley. Nightly classes, occasional independent filmmaker's works.

CINEMATEQUE - S.F. Art Institute, 800 Chestnut, S.F. Shows independent films.

VIDEO WEST, Scoop Hisker, 840 Battery, S.F., (415)957-9680

VIDEO FREE AMERICA, 442 Shotwell, S.F., (415)648-9040

LA MAMELLE, PO Box 3123, SF. 94119; Int'l Art Video Archives = 300 titles; want more. Good performance space.

THE GRAPHICS GATHERING, ¹/₂Howard Pearlutter, 115 Clearcreek Rd.,
Brookdale, Ca. 95007, (408) 338-2720; Artistic & information
tools sharing; creative futuristics.

FIGGRAPH - Meets the 4th day ea. month at Howard Pearlutter's
(address above) on the technical aspects of computer graphics
hardware & software.

HYPATIA CLUSTER, 231 - 27th St. SF 94131; (415) 202-8123; To
encourage women in joyful participation in space. Newsletters,
ed. pros., job search. \$10 p. yr.

PROGRESSIVE SPACE FORUM, ¹/₂Jon Alexander, 1476 Calif. St. #9, SF
94109; \$10 P. Yr. for peaceful uses of space. Efforts are both
esthetic & political. Newsletter subs. only \$8.

80 LANGTON St. S.F., (415)626-5416 - Renny Pritkin. Art there
exists for a week; then is demolished. Also publishes local
writers.

PUBLICATIONS

U. & I.C. (subscr. dept.), 2 Hammerskjold Plaza, n.y., n.y. 10017
- graphic design quarterly = free and beautiful

VISIBLE LANGUAGE, PO Box 1972 CMA, Cleveland, Oh. 44106,
typography, book design, rel subj. \$13 p. yr.

VIDEOGRAPHY - 475 Park Ave. S. N.Y., N.Y. 10016; Professional
video mag. \$12 p. yr.

ART COM \$12 p. yr. pub. by La Mamelie (see orgs.); emphasis on
video & perf. art.

THE ARTISTS FOUNDATION, 100 Boylston St., Boston, MA 02116.
Books on Artist grant money, safety, etc..

LASER SAFETY BOOKLET - FAA Western office, PO Box 92007, Worldway
Postal Ctr., Hawthorne, Ca. 90260

AMERICAN CRAFT, American Crafts Council membership, PO Box 561,
Martinsville, NJ 08836, \$29.50 p. yr. Gorgeous magazine.

THE METAL SMITH, Society of No. Am. Goldsmiths Membership., 8589
Wonderland Ave., N.W., Clinton, OH 44216, \$35 P. YR.

CREATIVE PUBLICATIONS, PO Box 10338, Palo Alto, Ca. 94303. Ed.
math aids, using beauty - free catalog.

UMBRELLA - art opinion, trends; mail art info; Judith A.
Hoffberg, PO Box 3692, Glendale, ca. 91201, \$15 p. yr.

LATERAL THINKING NEWSLETTER, ¹/₂Robt Kramer, 341 Mark West Sta.

Rd., Windsor, Ca. 95412. Applying computer ideas to pencil & paper problems. Skills exchange.

JOURNAL OF COMMUNITY COMMUNICATION, Glen Spain, PO Box 996, Berkeley, Ca. 94701, "The Social Implications of Video"

COMPUTER GRAPHICS WORLD, Mint St., S.F., \$30 p. yr. - good art in color.

NEW DIMENSIONS FDN., 267 States St., S.F., 94114, tape cassettes = futurist interviews of people like Dechy Fuller, Barbara Marx Hubbard.

SUPPLIES

Science Stores: EXPLORATORIUM STORE, Lyon & Marina, S.F.; NATURE CO. at Academy of Science S.F., Stanford Shopping Ctr.; and 2 in Berkeley; PENINSULA SCIENTIFIC, 2185 Park Blvd., Palo Alto; By Mail: EDMUND SCIENTIFIC 101 W. Gloucester, Barrington, N.J. 08007 - GOOD CATALOG. = good catalog.

HANSEN PLANETARIUM Pub., 15 S. State St., Salt Lake City, UT 84111; star pictures

ASTRONOMICAL SOCIETY OF THE PACIFIC, 1290 24th Ave., S.F. 94122; star pictures

"TECHNICOLOR" VIDEO SYSTEM, Starter Kit, with camera, uses 1/4" tape, \$1300.000

VIDEOTAPE STORES often have clubs to exchange info and trade used eqpt.

LIBRARY FOR SOCIETAL & TECHNICAL ALTERNATIVES, PO Box 472, Fairfax, Ca., 94930, attn: Bill Hill.

PANORAMA PRODUCTIONS, 2353 De la Cruz, Sta. Clara, CA 95050; audio-visual production, computer graphics.

PALMER FILMS, 611 Howard St., SF, (415) 986-5961; Beginning animators can rent eqpt.

COURSES AND PROGRAMS OF STUDY

MEXA - Science in the Humanities program - San Francisco State U., 1600 Holloway, SF, 94132. Ask for Spring course offerings, esp. "The Visual World of Science and Art."

FIBERWORKS, 1940 Bonita, Berkeley; courses in weaving, darning, paper; stresses ideas, new directions.

(also see: Calendar)

THE ARTISTS

Scott Kim (cover):

Much of my approach to art is inherited from my experiences as a mathematician. Each of my works solves a precise formal problem, one that leaves little apparent room for ambiguity. That would suggest that my work consists purely of deductive problem solving, but that is only half the story. For finding an elegant solution requires first finding an elegant problem, a problem that focuses the energy from a rich variety of idea sources on a single conceptual point. And it is in the seeking of problems that mathematics becomes a divergent activity.

GLENN ENTIS

Computers are "just" tools, but then tools significantly determine what we are capable of conceiving and executing (pencil and paper are tools. Are books tools? Is language a tool? Is art "just" a tool we use to approach a deeper understanding and appreciation of our universe?). The importance of computers in art is not what kind of machines they are or how sophisticated they are, but how they act as good tools in adding a new element to the image-making process. I like precise images - frameworks within which I can vary the details and see very clearly the results of that play. When I was using traditional media, I also played with the variations of simple images, but my ability to plan and visualize my work was a product of what I could actually do. Now I have a tool which is more precise and patient than I could ever be, and which doesn't object to finishing a drawing for me while I go out for dinner.



Janie Warnick is from Texas, and is a Stanford graduate. She has been experimenting with visual mathematics, design, and cloth for years. She executes her designs in patchwork and other fiber techniques.

Here are her directions for assembling the moebius strip at right: Cut along solid lines, give one side a twist and join ends.

SHE LOST HER VIRGINITY, TO THE LUST OF INFINITY, AND NOW SHE IS MOST MATHEMATICAL. J

THERE ONCE WAS A LADY ENIGMATICAL. WHO DEALT WITH DESIGN PROBLEMATICAL,

WHAT'S HAPPENING:

IN NOVEMBER, Eleanor Kent and Ray Lauzzana led a tour of 14 people to Ampex, De Anza Systems, and Calma to see three very different computer graphic systems. The group travelled by chartered mini-bus. The tour was such a success that it may be repeated by early summer. People on the waiting list, take heart!

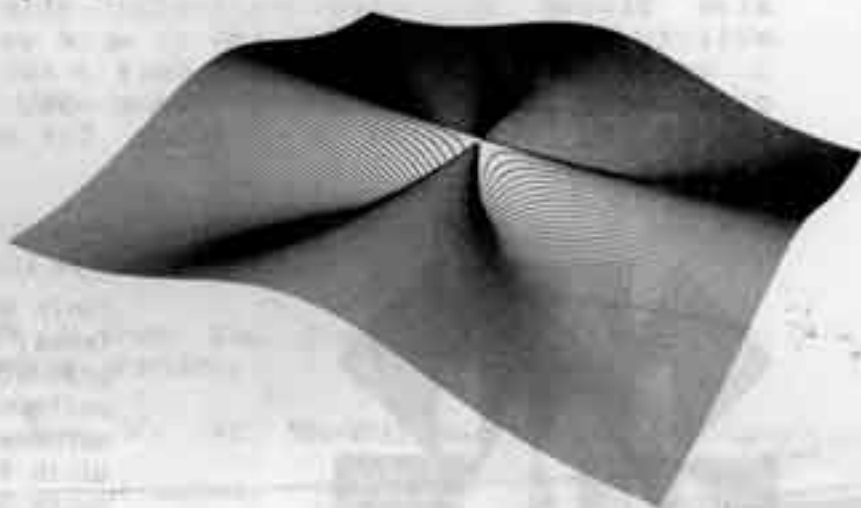
NINE YLEM MEMBERS also visited the Imaginarium, a presentation involving all the senses inside a geodesic dome structure. Designed to stimulate visual imagination, it was built by Nelson Van Judah and his design students, it is now used by Bob McKim and his Visual Thinking class at Stanford.

JEAN MILLAY HAS HAD such a hectic lecture and travel schedule that we have been unable to take a group to her biofeedback light sculpture setup yet.

IN SOME WAYS YLEM prospered its first year. It presented four programs to the public and five special tours and lectures. Inquiries are coming in from other parts of the country about us. Because we put out a larger, more beautiful newsletter than originally planned, and did such things as rent special movies for meetings, we have not been financially self-sustaining, however. Since it is clear that we should continue to do this, we are raising dues to \$10 beginning in January. In 1982, an Ylem show in a gallery or small museum is planned. Volunteers are needed for contacting interested galleries.

THERE WILL BE A first anniversary get-together at Gertrude Reagan's home, 967 Moreno (near Oregon and 101), Palo Alto on February 20, 6PM. Potluck food, drinks, art.

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967 MORENO
PALO ALTO, CA 94303

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