

c Donna Van Dijk

Mem

PRESENTS:

Imaging
saturday
january 22 • 2 to 5 pm



california college of arts and crafts

BROADWAY AT COLLEGE, OAKLAND IN AUDITORIUM

THE MAGIC LANTERN, PAST AND FUTURE, Louis Brill; COLORIZED THERMAL IMAGES OF PRACTICALLY EVERYTHING, Richard Lowenberg; FLUID MOTION, Milton Van Dyke, And two surprises.

Calendar

- Started
Jan 3 PSYCHOLOGY FOR PSYCHOBIOLOGY, a 10 week course taught by Will Gordon, \$4. Monday and Wednesday nights, 6-8pm, at Foothill College Palo Alto Center, 348 Maverly, Palo Alto. Latecomers can make up lessons with tapes and slides of lectures at Foothill College library. Perhaps the last time Gordon, a researcher at Stanford Medical School, will teach this course.
- Now until
Jan 31 H. C. ESCHER'S ART. Vorpai Gallery hosts retrospective exhibition of Escher's art. A documentary film on his art and life available for viewing. 393 Grove St. San Francisco. 397-9200.
- Now until
Feb 27 MULTICOLOR HOLOGRAMS of John Kaufman at Holos Gallery. 1792 Haight Street, San Francisco.
- Jan 8
Feb 19
March 5 HOLOGRAPHY WORKSHOPS. Topics include introduction to holography, potentials and limitations, and the holographic camera. Also ongoing practical holography labs. Presented by Nancy Gorgione of Laser Affiliates/L.A.S.E.R. Co-sponsored by California Arts Council. Sessions at 10am and 3pm at 973 Page St. San Francisco. Free. Information: Call Nancy at (415)431-9581.
- Jan 9
until
Feb 17 COMPUTER ART by Lucia Grossberger, Harry Vertelney, Eleanor Kent, and Mike Marshall. Gallery Sanchez, 1021 Sanchez St., San Francisco. Reception on Jan 9, when Lucia and Harry will demonstrate The Designers Toolkit and Mike will show a videotape, Artdemo. Gallery open Monday - Saturday from 2-5pm.
- Jan 17 ARTWORK DOCUMENTATION AND GENERAL RECORD KEEPING. Toby Klayman leads workshop that will help artists develop systems for organizing slides, resumes, and references needed for application process. Sponsored by Pro Arts, 1214 Webster Street, Oakland. \$1 for members and \$2 for non-members.
- Jan 17
until
Jan 19 CAN-CON (computer aided design conference) held at Disneyland Convention Center in Anaheim. Apply to Morgan-Grampion Expositions Group, 2 Park Ave., NYC 10016. Total cost \$295 in advance. Admission to exhibits only is \$10 plus fees for any particular workshops of interest.
- Jan 18 TAX RECORD KEEPING FOR ARTISTS. Session led by Kurt Wechscher and sponsored by Pro Arts, 1214 Webster, Oakland. \$1 for members and \$2 for non-members.
- Jan 22
2-5 pm IMAGING: SENSING AND CREATING VISIONS OF THE INVISIBLE AND THE EPHEMERAL - Ylem meeting at the California College of Arts and Crafts, Broadway at College in Oakland. Ample parking on nearby streets. Auditorium is on the west side of campus.
- Feb 5
8 pm CYMATIC MUSIC AND OASES OF DELIGHT, an Ylem event. Electronic music with laser patterns by Ron Pellegrino; multi-media slide show of photographs, paintings, and music by Frank Fehling, composed by Louis Brill. Palo Alto Cultural Center, 1313 Newell Road, Palo Alto. In auditorium. For ticket send \$5 to Katie Thornburg, 1203 Lisa Lane, Los Altos, CA 94022, phone: (415)964-2884, or order through CAPA Box Office -(415)329-2623. Plan to come! Co-sponsored by City of Palo Alto.
- Feb 12 THE GRAPHICS GATHERING THIRD ANNUAL DIGITAL VALENTINE CELEBRATION. Bring computer art, especially digital Valentines. See expanded computer graphics visions. Free. If you want to give a presentation or want to know the location[somewhere in Santa Cruz] call Ho Pearlwutter after Jan 15 at (415)856-1234.

OPPORTUNITIES

- Deadline
Jan 5 INTERNATIONAL COMPUTER COLOR GRAPHICS CONFERENCE to be held in Tallahassee, Florida from March 10-12. Papers sought for four areas: arts and humanities, communications, facilities and resource management, and medical science. Contact Dr. Jack Taylor, ICCGC Program Committee, Center for Music Research, FSU, Tallahassee, Florida 32306.
- Deadline
Jan 5 PLANNING MEETING FOR 1984 CONFERENCE ON COMPUTERS & THE ARTS in Santa Clara at Mission College, 3000 Mission College Blvd. (by Great America). Contact Manny Magallon, (408) 988-2200 xk620 for details.
- Deadline
Feb 5 GLAZA 4TH ANNUAL BOTANICAL AND WILDLIFE ART SHOW AND SALE, May 20-22, Los Angeles. Open to all media. Entry fee \$5. Limit 5 slides. For information: Glaza Art Show, 5333 Zoo Drive, Los Angeles, CA 90027.
- Deadlines
Feb 14
June 24 SIGGRAPH 83 to be held July 25-29 in Detroit, Michigan. Billed as computer graphics extravaganza. Panel session proposal deadline Feb. 14. Film, video art, cover design, and installations deadline June 24. Contact SIGGRAPH Conference Office, 111 East Wacker Dr., Chicago 11 60601.
- Soon INTERNATIONAL CONFERENCE ON COMPUTERS IN THE HUMANITIES. June 6-8. Conference seeking proposals for panel or seminar topics on uses of computers in the arts. Also looking for computer aided visual art for an exhibition at the conference. Contact Frank Smullen, Department of Art, Duke University, Durham, NC 27708.
- Soon SYMPOSIUM ON SMALL COMPUTERS IN ARTS. Tentatively scheduled for October 14-16. If you have an idea for a paper, presentation, or panel session contact: Personal Computer Arts Group, SCAN, PO Box 1954, Philadelphia, PA 19105.
- Soon IDEAS ABOUT ROBOTS, their applications and impact on society sought by Academy of Sciences, San Francisco, for possible show. Contact Joyce Gilio at (415)221-5100 x219.

Resource List

The Image-Knowledge in Life and Society - Kenneth Boulding(University Michigan Press, \$3.50) Written in 1956, it shows how the frame of reference, the system which each of us uses to make sense of the world, governs our knowing and how each system is different. This little study blossomed into systems analysis.

Powers of Ten - About the Relative Sizes of Things in the Universe - Philip and Phyllis Morrison and the office of Charles and Ray Eames.(Scientific American Library, 1982, \$20) Images from astronomy down to the atomic particle are organized so that you feel where you are in the scheme of things. Based on the movie, but with much greater depth of information.

The Computer Image - Greenburg, Marcus, Schmidt, and Gorter(Addison-Wesley, 1981, \$27.95) One author is Ylem member Aaron Marcus. Beautiful color pictures of what is technically possible, and what artists are doing in computer graphics. Designed both to satisfy the curiosity of intelligent bystanders, and the need to improve procedures of people working with graphics systems.

Worlds Within Worlds - Marten, Chesterman, May and Trux(Holt Rinehart and Winston, 1977, \$7.97, paper.) A catalog of images produced for science by remote sensors and camera assisted devices. Descriptions both of what is shown and how the pictures were made are marvelously interesting.

Experiences in Visual Thinking - Bob McKim, teacher of engineering design at Stanford and Ylem member(Brooks/Cole, 1972, paper) A book designed to develop one of our most powerful mental functions, visualization. Although the text offers some novel observations about the process, it is definitely a how to book with challenging but not daunting exercises. To develop good design concepts, you have to be able to try them out freely without actually building them. The latter part of the book shows designers' sketches used for this, giving you an idea of what to strive for.

The RSVP Cycles - Creative Processes in the Human Environment - Lawrence Halprin(Braziller, 1969) Lawrence is an urban planner and landscape architect and his wife Ann, a dancer. Put these together and you get movement choreographed through time and space. Interesting "scores" for events like city-wide happenings, and interactive public spaces like his fountain in Portland, Oregon. Change your perception of time and space.

The Electronic Arts of Sound and Light - Ron Pellegrino, Ylem member(Van Nostrum Reinhold, 1982, \$28.50). Music can create image and light create sound. This is a compendium of all the ways this can be done electronically, with an explanation of wave theory on which the whole thing is based. If you can't imagine this, come to the Ylem event on February 5 for a demonstration.

Expanded Cinema - Gene Youngblood(E.P. Dutton, 1970) One of the bibles of multimedia, a fairly complete compendium of the technology and philosophy of contemporary multimedia trips including film, video, lasers, holography, multimedia, lightshows, etc. Includes at least 100 photographs(more than half color) of visual effects from various artistic explorations.

The Intelligent Eye - R.L. Gregory(McGraw Hill, 1970, paper) The author deals with reality and our day-to-day experience of external objects and the ability of human perception to translate the outside world into visual sense. Includes 3-D stereo illustrations and the glasses to view them.

Images, Images, Images - Kenny and Schmitt(Kodak, 1979) A complete up to date catalog on how to produce a multimedia show. Tells you everything about everything: scripting, visual design, projector set-ups, sound tracks, and marketing.

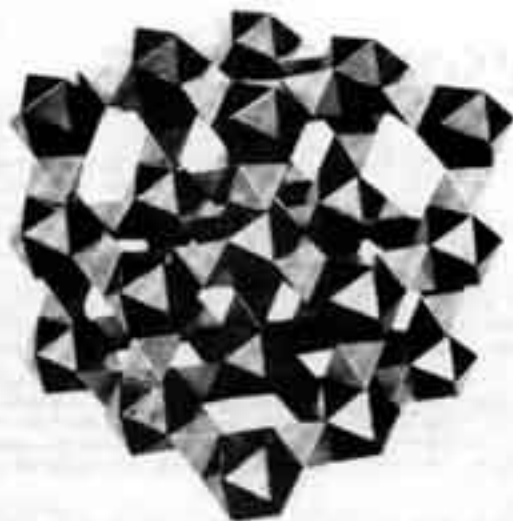
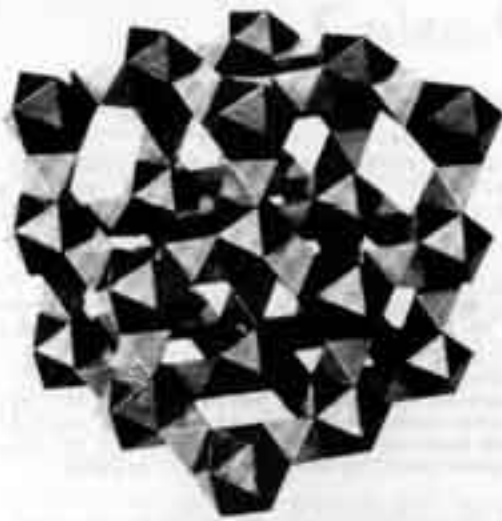
The Art of Color and Light - Tom Douglas Jones(Van Nostrand Reinhold, 1972) A fascinating tour through the world of color/sound and how the evolution into lightshows and multimedia emerged in the early 19th century. Reviews the history of early design approaches and includes instructions to build several types of exotic lightshow projectors.

ALSO WORTH NOTING

Buckminster Fuller Institute, 3501 Market Street, Philadelphia, PA 19104, 215-387-5400. His books, Icosahedral Dymaxion Globe, Itinerary for his speaking engagements.

The Light Opera Gallery at Ghirardelli Square features unusual kaleidoscopes.

The Imaginarium, an environment and presentation built by design graduate students is available to groups of up to 12 people by arrangement, \$35 per group. Call Scott Kim at 415-329-9081.



ROBERT DEWAR committed himself to bring the computer into the service of art in 1968. At that time, he was an architecture student at USC and was also taking art courses. At the same time he was working in the university computer facility and working summers at Jet Propulsion Lab. JPL hired him again as a programmer for the many space missions where he would stay late to develop his artistic work. "To me, writing software that will do art is a work of art."

He has explored both art and computing on many fronts over the years dealing with similarities of perception by brain and computer, of synthesis of forms by atoms,

geometers, and artists. Using the carbon atom as a problem and his background in computer aided design, architecture and mapping, he made models of carbon molecules. Conventional valence bonds do not work in computer modeling because they are 5 to 6 degrees off from what really fits together in a stable structure. Shown here is his unconventional carbon model (of cardboard) in stereo. You create the intended image by crossing your eyes slightly, with relaxed attention, to merge the two shown. You are on target when you see holes in the model. "To create the idea of carbon as an icosahedron is a work of art," says Dewar. "It's conceptual art."

GERTRUDE MYRTH REAGAN will have an article about Natural Patterns expressed in sewn tie-dye in an upcoming issue of Surface Design. She is currently spending three months at Villa Montalvo in Saratoga as an artist-in-residence. She may be reached by writing Villa Montalvo, PO Box 158, Saratoga, CA 95071. Please do not phone.

ELEANOR KENT, and the founders of Eclectic Electric, HARRY VERTELNEY and LUCIA GROSSBERGER, are featured in a show of computer art at Galleria Sanchez in San Francisco.

See photos by STENNETT HEATON on permanent display in the bug room of the Academy of Science, San Francisco.

SCOTT KIM did chapter heading illustrations for ANA GOTCHA, by Martin Gardner. (W.H. Freeman 1982)

DAVID THORNBURG'S Discoveries in Logo will be out soon. Natural patterns, the golden section, are explored in the computer language Logo on microcomputers. (Addison Wesley, February 1983)

LETTER TO THE EDITOR

To YLEM:

Please renew my membership. In May, I'll be a T.A. for our course in Buckminster Fuller, Mathematics and Consciousness, a course I'm so pleased to be involved in shaping. This will mean months of lovely preparation and model making.

If you know of anyone who is involved in using Bucky Fuller's ideas in math education, or of anyone starting to use lots of visual models in math education, please let me know. Any level of teaching: college, high school or elementary school. I can be reached by writing c/o MIU, Box 866, Fairfield, IA 52556.

Best to all,
Vedder Wright

DONNA VAN DIJK (cover artist) has had a lifelong interest in geography and maps. "I was always the family navigator," she says, "I never get lost." An Oregon native, she lived in the East and Midwest, returning to earn an MFA at San Jose State in 1981. She studied architecture in the early 1950s, and spent a year planning aircraft takeoff and approach zones for U.S. Airforce bases. This early involvement with technical maps and topographic models evolved, "after two decades and three sons," into her present mixed-media compositions of photographs and USGS and NOAA maps and charts.

van Dijk's primary concern is in "portraying places, presenting familiar aspects of western landforms in new and unfamiliar ways." Her San Andreas Series, a work in five parts dealing with bodies of water in the rift zone, is in the Bank of America Collection in San Francisco. She has done a relief map of the world for the Amdahl Corporation in Sunnyvale, Kifer Road, dealing with past agricultural and present urban patterns of the Santa Clara Valley was commissioned by the Hewlett-Packard Corporation, and her 101 Series: Sonoma, Santa Clara was purchased by IBM, San Jose. At present she is "constructing Pacheco Pass at 1:24000."

Ylem Notes

by Louis Brill

During the Ylem business meeting on December 4 a number of suggestions were proposed in regard to harnessing the potential energy of our membership. Ah yes, the membership, which is our single greatest resource, has grown to 117 artists. Within the interest of our collective group we are geographically spread throughout the Bay Area from the south peninsula to north Sonoma, and not to forget artistically we are also quite spaced out in creative pursuits from printmaking to laser lightshows.

In the interest of enhancing Ylem and its organization during the coming year a number of suggestions were brought forth at the last business meeting:

-Ylem Infrastructure -- loosely translated our very own bureaucracy. The cement that holds Ylem together is the organization that keeps it going month to month and WE NEED HELP. Several committees either need to be formed or need additional persons to help staff. For example the Newsletter, Data Bank and Computer Bulletin Board, Non Profit, and Portfolio are in need of your assistance. Not bad for a beginning bureaucracy. Let's consider each committee.

-Newsletter -- Our single greatest asset is the link that keeps us all in touch with upcoming meetings and on going events. Luanne Hicks, a graduate in journalism, has volunteered to shepherd our newsletter from scraps of memos to printed form. Robin Samuelson will be helping her with writing and Vinessa Nevala will assist with layout. Typing help would be appreciated. In addition we need people to write articles about what they are up to, what's going on or whatever, but we'd like to know. Not only that, but the newsletter is also initiating a Letters To The Editor column, so respond away.

-Computer Bulletin Board/Data Bank -- In

regard to our artistic resources, we need a clearer understanding of both the available skills and of how we can benefit from each other's skills to advance our own artistic curiosity. Soon a questionnaire will be organized and mailed out. The returned questionnaires will be entered into a computer file sorting package (DATASTAR) and a Ylem yellow pages will exist. The responding membership will be represented by two categories: primary category - artistic interest and secondary category - geography. Coincidentally the largest single area of interest in Ylem is -- yep, you guessed it -- computers. So, we propose to take the Ylem yellow pages and enter an abridged version into a computer bulletin board and set up a Bay Area link incorporating Marin/Sonoma, San Francisco, East Bay, and Peninsula areas with not only a phone tree but also a computer tree. So all you generous computer owners with modems out there, we'd like to here from you.

If you are interested in helping contact Louis M. Brill at 654-0694.

-Non-profit -- A committee is needed to research and prepare an application for Ylem to acquire a non-profit number. And, you guessed it, once we get our non-profit number we will form a grants committee.

-In House Portfolio -- We invite each member to send a one page (two sides) representation of their art and interests. Preference: each page be enclosed in a clear acetate with a color xerox of some aspect of your art work on one side and on the other side a written synopsis of your accomplishments and further artistic interests. This portfolio will be continually updated and brought to every Ylem meeting so people will have a chance to see what we're all about.

These are a few of the many considerations. Lack of space suggests that I save more for the next issue. In the meantime if any of the above appeals to you please contact the appropriate committee member for additional information.

Thank, happy trails and all that....

More Notes

by Trudy Myrth Reagan

On an informal basis we have made the California College of Arts and Crafts our home in Oakland for three meetings a year. Ours thanks to those friendly people. In Palo Alto, such a liaison is also possible, but must be a formal arrangement through the city of Palo Alto. Besides meetings, they want us to initiate events such as performances, lectures, and workshops - does this ring any bells? - for which we would charge a fee and give them 20 percent. We have already committed ourselves to give an event starring Ron Pellegrino, Louis Brill, and Frand Fehling. Ron's music made visible with lasers is state of the art, and the German artist that Louis is collaborating with is a world traveller and adventurer. Plan to attend.

Because of the diverse nature of our group, Eleanor Kent suggests that rather than having a large, all-inclusive Ylem show that subgroups within Ylem (craftsmen, computerists) get their act together and approach galleries with solid proposals. Six galleries and two agents expressed interest in Ylem this year. Call Marilyn Krieger at (415) 363-1210 in the evenings if you have the gumption to do this. We may also have an all Ylem show, but this is proving to be darned hard to arrange.

Tours of labs, computer companies, sea lion territory, etc. happen when someone who wants to go decides to be public about it. It's easier than giving a party (no housecleaning) and a lot more interesting. The Ylem name opens doors in Silicon Valley. Inform the newsletter when you get something going and announce it at the next meeting.

Thanks

We want to thank the hosts of the five simultaneous Ylem parties around the Bay on December 29: Holos Gallery, Herb and Nanine Greene, Dorothy and Jim Fadimen, Don and Carol Kleyensteuber, and Donna van Dijk. Some parties were swinging affairs, others were poorly attended. We will try again in a few months with a different format, so people can get to know others in their area.

Attention

Renewal envelopes were sent to one third of the membership in the November newsletter. Please pay promptly because funds are needed for publishing the March newsletter, film rentals for programs, and up front expenses for the February 5 event.

NOVEMBER YLEM BUSINESS MEETING

At the November Ylem meeting, Illusion, Ambiguity, and Poetry, Herb Greene showed examples of the illusion of randomness, and how to take advantage of the unforeseen in architecture. Eddie Oshins showed that the same words in a poem can take on new meanings when more words are added and then we all had a try at writing such a poem. Elaine Rothwell showed etchings in which the spaces between the figures were chess pieces. Then she showed a new series of figures that were ground puzzles and the audience was asked to decipher the images. Next Dorothy

Fadiman's film, Peace, A Conscious Choice, illustrated Gandhi's simple precept, "Almost anything you do will seem insignificant, but it is very important that you do it." The film also featured the fluid abstract images of Ron Pacelli. These turned out to be based on feedback patterns between TV screen and camera. The Cultural Center's Contemporary Glass Show, where we all spent our intermission, showed many pieces that used illusion and ambiguity for poetic effect.



Send to Ylem, 967 Moreno, Palo Alto, CA 94303

I would like:

- to receive a sample issue.
- a year's membership. \$10 is enclosed.
- newsletter only, since I live more than 100 miles from both San Francisco and Palo Alto. \$5 is enclosed.

My needs, interests, specialties:

Suggestions, other interested artists:

Name _____
Address _____
City _____ Zip _____
Phone () _____



ARTISTS USING SCIENCE & TECHNOLOGY

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