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ARTISTS INTO SCIENCE & TECHNOLOGY

Ylem (I-lem): the
primordial stuff out
of which the universe
emerged. (fr. Greek,
matter).

SUMMER 1981 - CALENDAR

- NOW - JULY 18 - Electro Arts Gallery show of computer art. 718 Columbus,
San Francisco. M - F, 11 - 7; Sat., 12 - 5 PM.
- JULY 9 - Laser Art Society Meeting, 7:30 PM, Holos Gallery, 1792 Haight, S.F.
- JULY 11- YLEM AND THE GRAPHICS GATHERING combine to hold a colossal meeting. 1-5 PM,
auditorium at Stanford Linear Accelerator Center (see flyer for details)
- JULY 11 - Computer Music Concert of compositions from Stanford, and IRCAM in Paris.
1600 Arastradero Rd. behind Stanford, 8:33 (sundown), \$6 ea., \$3 Student.
Best to arrive early, bring sweater and blanket. A great après-Graphics-
Gathering evening.
- NOW - JULY 31 - Natural History Fantasy Paintings by Gael Efron at Blue Skies
Gallery, 265 Lytton, Palo Alto, T - Sat. 11 - 3 PM.
- AUG. 15 - Ylem Organizational Meeting, 2 PM, Palo Alto Cultural Center - Lunch
Room, 1313 Newell Rd., Palo Alto. To discuss goals and their implementa-
tion. Also bring your art works to share.
- SEPT 19 - Ylem General Meeting, 2 PM, San Francisco (location to be announced).
Speakers and movies about the new physics; discussion with Ylem painters,
craftsmen, and hi-tech artists about how one's medium influences what can
be expressed.

ALSO OF INTEREST

Something That Is and Isn't There - Tromp l'oeil paintings in the house at
2806 Laguna, San Francisco by Dick Fosselman.

Brain/Mind Bulletin - Frontiers of research, theory, and practice. Published
every 3 weeks, \$15 a year. Interface Press, PO Box 42211, L.A. 90042.

Young Ancestors - Artist Amanda Marsh's project to develop the esthetic language
and myth of the future with other artists and thinkers. She is also in-
terested in space colonization. 1285 Waller St., San Francisco.



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"There is something fascinating about science. One gets such wholesale returns of conjecture out of such a trifling investment of fact" - Mark Twain, 1874

In Physics Today, April 1981, "E Pluibus Boojam, the Physicist as Neologist", we learn that David Mermin is making a hilarious effort to preserve whimsy in the annals of science. It's about his struggle to establish boojam (from Lewis Carroll) as a scientific term.

YLEM MEETS BI-MONTHLY. IN THE INTERVENING MONTHS, INFORMAL MEETINGS OF SPECIAL INTEREST GROUPS ARE ENCOURAGED.

OPPORTUNITY: Upon occasion, the Exploratorium will help an artist to realize a concept if it is one which the Exploratorium can use. Such an idea would be novel; make use of a science phenomenon; be sturdy, and possibly hands-on. On our "Exploratorium Prowl" of June 6, we were shown its shops for wood, metal, and electronics, artworks produced there, and met staff members. They are looking for proposals from us - submit them to Peter Richards.

DISCOVERY of what Ylem interest groups could become: Trudy Reagan was invited to Stan Issacs' second annual polyhedra party, where she found herself in a roomful of artist and mathematician enthusiasts, books, and difficult puzzles, including TWO Berrocal sculptures. Each person brought something to do, and came away with enough ideas for the next year (or so). She suspects that with respect to the 3-D puzzles, Stan was left to pick up the pieces.

GENUINE STUPIDITY LOGIC, a talk by SLAC physicist Eddie Oshins, was given to an informal Ylem group on June 7. It brought together such diverse topics as quantum logic and schizophrenia. The assembled group composed of physicists, psychologists, and philosophers, was intrigued.

MINDSTORMS: CHILDREN, COMPUTERS, AND POWERFUL IDEAS by Seymour Papert (Basic Books, \$12.95): Children acquire natural language by fooling around, that is, by inventing rules, trying them out, and modifying them until they work. The similarity of this to computer programmers' getting bugs out of their programs is striking. Papert reasoned that children could acquire more complex ideas in math and physics, and skills to manipulate abstractions, by having a computer to execute their own ideas in an easy-to-use computer language. Recommended for non-computer people: As they read what computerish ideas he feels are useful to impart to kids, they will learn something about computers. Unlike most books about computers, it is written in plain English.

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\$5 per year.

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