

ENGINEERING CRISIS

Jobs for engineers are becoming increasingly scarce. As more and more of us either lose our jobs, or fear that we will be the victims of the next cut-backs, we realize that we have in the past been enjoying a false prosperity. It was a prosperity built on doing unnecessary work, on socially non-productive projects. These projects have drained our country of needed resources and channelled our talents into directions that we as individuals face difficulties in changing.

The 1.1 million engineers in this country are the largest group of productive and creative people not to have an organization that serves their needs. We have repeatedly been told that we are professionals and that our professional society (the IEEE) is the organization we should join and support. The IEEE has not served the real needs of its membership, it has relegated the interests of the working engineer to meaningless gestures, its statements (recent Spectrum article by outgoing President Granger) are an affront to its members.

The Committee for Social Responsibility in Engineering challenges the IEEE to:

- protest the economic interest of its members by providing a strong national voice for an engineering policy, conceived from reason and national needs instead of whim and fancy.
- help eliminate unemployment instead of merely instructing us in resume writing for nonexistent jobs.
- protect the economic interests of its members by instituting vested pensions.
- support and protect its members who refuse to work on projects that are harmful to humanity.
- allow working engineers to replace the self-perpetuating elitist group from upper management that now controls the society.
- democratize its procedures, with elections that are other than farcical.

THE COMMITTEE FOR SOCIAL RESPONSIBILITY IN ENGINEERING

137a West 14th Street, New York, N.Y. 10011

COME TO THE NEW ENGINEERING CONFERENCE

DURING THE **IEEE CONVENTION**

MARCH 22-24, 1971

AUDIENCE PARTICIPATION WILL BE EMPHASIZED!

NO REGISTRATION FEE

1. THE ECONOMIC CRISIS IN ENGINEERING:

Unemployment, government policies, conversion to a peacetime economy; effects on the engineer.

(Mon. Mar. 22, 2:00 pm)

Michael Averko, Manager of Marketing Information Services, Ziff-Davis Publishing Co.

Hon. Ed Koch, Congressman from New York

Dr. George M. Katz, Dept. of Neurophysiology, Columbia Univ., Member IEEE

Terence McCarthy, consulting economist, recently at Columbia Univ.'s IE Dept. and School of Business

Seymour Melman, Prof. of Industrial Engineering, Columbia Univ., author of "Pentagon Capitalism" and other books, co-chairman of SANE

Rowan Hay Rifkin, Instructor of Electrical Engineering, Polytechnic Institute of Brooklyn

John Ullmann, Chairman of the Dept. of Management, Marketing and Business Statistics, Hofstra

Session Coordinator: Aaron Ashkinazy, RCA

Panel Moderator: Stephen H. Unger, Columbia Univ.

2. INDIVIDUAL FREEDOM AND RESPONSIBILITY IN ENGINEERING:

Personal responsibility for the consequences of one's work. Your influence on the direction of your work; alternate employment choices. Code of Ethics; prestige of the profession.

(Tues. Mar. 23, 2:00 pm)

J. Malvern Benjamin, Pres. of Bionic Instruments

William Davidon, Prof. of Physics, Haverford; named co-conspirator in the Berrigan case

Samuel Mason, Prof. of Electrical Engineering, MIT

Victor Paschkis, Prof. Emeritus, Columbia Univ.

Peter Petkas, Director of Ralph Nader's Clearinghouse for Professional Responsibility

Jeremy Stone, Director of the Federation of American Scientists

Session Coordinator: Elsa Horowitz, IBM

Panel Moderator: Barry Horowitz, PIB

3. ENGINEERING ORGANIZATIONS -- WHAT COULD THEY DO FOR YOU?

Critique of the IEEE. Other professional societies (AMA, etc.). Engineering Unions. New organizational forms.

(Wed. Mar. 24, 7:30 pm)

Harold Ammond, Executive Secretary, Association of Scientists and Professional Engineering Personnel (RCA)

Ron Blum, M.D., Pediatric Collective, Lincoln Hospital

Frank Collins, Prof. of Physical Chemistry, Polytechnic Institute of Brooklyn and President of the Universities Committee on the Problems of War and Peace

Sandy Lenz, former President of Engineers Assoc. of American Bosch Arma, Chairman of Professional Technical Salaried Conference Board, IUE, AFL-CIO, Member IEEE, NSPE

Georges London, Brookhaven Free Press

Victor Paschkis, Past President of Scientists for Social Responsibility in Society

Harvey Rubin, Member of technical staff, Bell Telephone Laboratories, member of IEEE committee on Professional Concerns of Young Engineers

Stephen H. Unger, Prof. of Electrical Engineering, Columbia Univ.

Session Coordinator: Al Friedes, BTL

Panel Moderator: Anthony Robbi, RCA

Sessions held at: Ethical Culture Society Hall
2 West 64th St. (at Central Park West)
(4 short blocks north of Coliseum)