



# THE INSTITUTE OF RADIO ENGINEERS

INCORPORATED

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May 15, 1953

## PROFESSIONAL GROUP ON ULTRASONICS ENGINEERING NEWSLETTER #1

The Group Administrative Committee held its first meeting on May 6, 1953 in Washington to elect its regular officers and to make plans for organizing the Ultrasonics Engineering Group.

### ELECTION OF OFFICERS

The initial Administrative Committee for the new group was appointed by the IRE Committee on Professional Groups in accordance with the suggestions of the group petitioners. The officers and subcommittee chairman chosen at the first meeting of the Administrative Committee are as follows:

- A. L. Lane, Naval Ordnance Laboratory; Chairman of the Group.
- M. D. Fagen, Bell Telephone Laboratories; Vice-chairman of the Group and chairman of the Membership Committee.
- J. Hunter, John Carroll University; Secretary of the Group and Chairman of the Sectional Activities Committee.
- O. Mattiat, Clevite-Brush Development Co.; Chairman of Papers Procurement Committee
- P. L. Smith, Naval Research Laboratory; Chairman of Finance Committee.
- W. J. Mayo-Wells, John Hopkins University; Chairman of Legal Committee.

### MEMBERSHIP

Judging from the interest shown at the National IRE meeting in March and subsequently in correspondence received by the Administrative Committee and IRE Headquarters, there are a large number of individuals who are potential members of our Professional Group. Will you send us the names of people in your organizations, IRE members or not, whom you would like to suggest for possible inclusion in the Group. The Membership Committee will send them full information. We need your help at this point to insure wide geographic representation and professional participation by people in the many and varied fields of ultrasonic engineering.

### SCOPE AND BENEFITS

The scope of the group includes ultrasonic measurements and communications, including underwater sound, ultrasonic delay lines, and various chemical and industrial ultrasonic devices. The Group will be concerned primarily with applications, devices, techniques, and associated circuitry.

This group will help to bring together the literature on ultrasonic applications and associated circuitry, which heretofore has been dispersed in a wide variety of publications. This will be done through the medium of the TRANSACTIONS and PROCEEDINGS of the IRE.

The TRANSACTIONS, Symposia, and local meetings of this group will enable rapid publication of papers and, in addition, will provide ultrasonic engineers with their own outlet of expression. Moreover, the ultrasonics industry will be helped since the interchange of ultrasonics information will be available to the entire IRE membership of over 30,000 engineers, and the additional thousands of readers of the IRE literature. Besides the National Meetings, the IRE also provides opportunities for local meetings through the various sections distributed throughout the country. The informality of the local meeting permits greater opportunities for personal contacts with others having similar interests.

#### ULTRASONICS PANEL AT THE NATIONAL ELECTRONICS CONFERENCE

The Ultrasonics Engineering Group has accepted an invitation to conduct a panel on Ultrasonics at the National Electronics Conference in Chicago to be held September 28, 29, and 30.

If you have work in progress that could be the subject of a paper for the symposium or if you have a paper which has not been previously published, send a 200 word abstract to your Publications Chairman:

Dr. Oskar Mattiat  
c/o Clevite-Brush Development  
3405 Perkins Avenue  
Cleveland 14, Ohio

Get the abstract in before June 5. Four or five of the abstracts submitted will be selected for inclusion as a panel and forwarded to the National Electronics Conference. The completed paper, which should be of a length suitable for a 20 minute presentation, will not be needed until September. Abstracts not selected may be used for the TRANSACTIONS or future symposia.

Here is our first opportunity to function as a group in our field of interest. Based on last year's attendance of 6165, which is expected to be exceeded this year, the Conference should be a good place to set our organization into motion.

#### FINAL COMMENTS

In conclusion, send names of prospective members of the Group as soon as possible, indicating whether or not they are IRE members to The Institute of Radio Engineers Inc. A post card is enclosed for your convenience.

Send abstracts of no more than 200 words on prospective papers to Dr. Oskar Mattiat. These papers should emphasize the application and associated circuitry aspects of ultrasonics. They should be mailed by June 5, 1953.

A. L. LANE, Chairman  
Professional Group on  
Ultrasonics Engineering