



NEWSLETTER

IRE Professional Group on ULTRASONICS ENGINEERING

THE PROFESSIONAL GROUP ON ULTRASONICS ENGINEERING (PGUE) IS AN ASSOCIATION OF IRE MEMBERS WITH PROFESSIONAL INTEREST IN THE FIELD OF ULTRASONICS ENGINEERING. ALL IRE MEMBERS ARE ELIGIBLE FOR MEMBERSHIP AND WILL RECEIVE ALL PGUE PUBLICATIONS UPON PAYMENT OF THE PRESCRIBED ASSESSMENT.

No. 9

September 30, 1957

Plans are now in the making for the technical sessions on Ultrasonics Engineering at the IRE National Convention in New York, March 24-27, 1958. In order that the meetings may better serve as a forum for exchange of ideas, it is proposed to devote two sessions to specific topics of current interest. It is hoped that in the course of the sessions, these topics will be approached by the several speakers from different viewpoints, followed by time for general discussion which should be of mutual benefit to all.

One session will be devoted to the measurement of the properties of ultrasonic delay lines. Papers will be welcomed on the measurement of loss, bandwidth, delay time, transducer parameters, etc. Members of the Electronic Industries Association committee now considering this subject have also been asked to contribute papers to this program.

A second session will be devoted to the measurement of radiated acoustic power. Although this is a rather broad subject, some of which is well-known, there are probably many applications of ultrasonics where this presents a problem, for example, measurement of the acoustic field in a confined volume.

Contributed papers on other subjects are equally welcome and they will be included in the above sessions or in another session as is possible.

Your program chairman needs your help in submitting papers for these sessions and also would welcome your suggestions as to others who might be asked to submit papers. Although the convention is many months away, the deadline for abstracts is close at hand. Abstracts should be submitted by November 1st, 1957 to:

G. L. Haller
1958 Technical Program Chairman
The Institute of Radio Engineers
1 East 79th Street
New York 21, New York

(over)

A 100-word abstract and a 500-word summary, both in triplicate, are necessary. It should be clearly indicated that the paper is intended for the Ultrasonics Engineering Sessions. Your program chairman also would appreciate knowing what papers have been submitted before the first committee meeting early in November.

John E. May, Jr.
1958 Program Chairman - PGUE

Address:
Bell Telephone Laboratories, Inc.
Whippany, New Jersey

THE P
PROFI
MEMB

TE INS