



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.

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SECOND NATIONAL ULTRASONICS SYMPOSIUM

At its last meeting in Cincinnati, Ohio, on November 7, 1961, Administrative Committee decided to seek permission from IRE quarters to hold a Second National Ultrasonics Symposium in New York City in December, 1962. The Chairman of the Symposium will be Dr. John E. May, Jr. of the Bell Telephone Labs. at Whippany, New Jersey. Dr. May would appreciate hearing from PGUE members who might care to assist him in the various arrangements.

The Administrative Committee invites all members and non-members who are doing research and development in all phases of ultrasonics to submit papers to the Symposium. Sessions are being planned on such major subjects as industrial ultrasonics, ultrasonic delay lines, solid state acoustics, and underwater sound. A special issue of the PGUE Transactions will be devoted to Symposium papers. Authors, whose papers are accepted for oral presentation at the Symposium, will be urged to submit written versions to the Editor of the Transactions by the time of the meeting.

1962 IRE INTERNATIONAL CONVENTION, MARCH 26-29, NEW YORK CITY

As in previous years, the PGUE will sponsor two technical sessions at the Convention. The Group wishes to thank Mr. Stanley E. Jacke and Dr. Allen H. Meitzler for their efforts in organizing these sessions. The complete program, which will be presented in the Jade Room of the Waldorf-Astoria Hotel, follows:

Title of Session Ultrasonics Engineering I
Number 3

Time 2:30 - 5:00, March 26
Chairman Dr. Robert O. Fehr
Sibley School of Mechanical Engineering
Upson Hall, Cornell University
Ithaca, New York
Organizer Stanley E. Jacke
Branson Instruments, Inc.
37 Brown House Rd.
Stamford, Connecticut

Sequence of Papers

- "Ultrasonic Welding in Electronics Devices"
J. Byron Jones
Aeroprojects Incorporated
310 Rosedale Avenue
West Chester, Penna.
- "Ultrasonics for Machining"
George C. Brown
The Sheffield Corporation
Dayton, Ohio
- "A Chemical Method for Measuring Relative Amounts of Cavitation in an Ultrasonic Cleaner"
Dr. Alfred Weissler
National Institutes of Health
Bethesda 14, Maryland
- "Advantages of Ultrasonic Cleaning as a Production Tool"
George Brett Hollerith
Branson Instruments, Inc.
37 Brown House Rd.
Stamford, Connecticut
- "Evaluation and Applications of the Levasseur Whistle"
Isidore Elias
Acoustica Associates, Inc.
5331 West 104 St.
Los Angeles, California
- "Hyper Intense Proximal Scanning Ultrasonic Generator"
Dr. Lewis Balamuth
Cavitron Ultrasonics Inc.
51-02 21st St.
Long Island City 1, New York

Title of Session Ultrasonics Engineering II

Number 11
Time 10:00 - 12:30, March 27
Chairman Dr. Wilfred Roth
Roth Lab. for Physical Research
557 Asylum St.
Hartford 5, Connecticut
Organizer Allen H. Meitzler
Bell Telephone Labs.
Whippany, New Jersey

Sequence of Papers

- "Heat Treatment of Wire for Torisonal Magnetostrictive Delay Lines"
Alan J. Brown
Airborne Instruments Lab. and Arthur Rothbart
Deer Park, New York
New York, New York
- "A Piezoelectric-Piezomagnetic Gyrator"
Morio Onoe and Mitsuo Sawabe
Institute of Industrial Science, University of Tokyo
Tokyo, Japan