

IRE-AIEE Conference on TRANSISTOR CIRCUITS

THURSDAY-FRIDAY
18-19 FEBRUARY 1954
MUSEUM OF THE
UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA

SCHEDULE

WEDNESDAY, FEBRUARY 17

7:00 p.m. - 11:00 p.m.—REGISTRATION
Penn-Sherwood Hotel

THURSDAY, FEBRUARY 18

8:00 a.m. - 5:30 p.m.—REGISTRATION
University of Pennsylvania Museum

10:00 a.m. - 12:30 p.m.—SESSION I
Auditorium of the University Museum

12:30 p.m. - 1:30 p.m.—LUNCH
Rotunda of the University Museum

2:30 p.m. - 5:00 p.m.—SESSION II
Auditorium of the University Museum

THURSDAY (Cont.)

6:00 p.m. - 7:30 p.m.—COCKTAIL-BUFFET
Penn-Sherwood Hotel

FRIDAY, FEBRUARY 19

8:30 a.m. - 2:30 p.m.—REGISTRATION
University of Pennsylvania Museum

9:30 a.m. - 12:30 p.m.—SESSION III
Auditorium of the University Museum

12:30 p.m. - 1:30 p.m.—LUNCH
Rotunda of the University Museum

2:30 p.m. - 5:00 p.m.—SESSION IV
Auditorium of the University Museum

TECHNICAL PROGRAM

SESSION I

PROPERTIES AND REPRESENTATION OF TRANSISTORS

Chairman: J. J. Suran—*General Electric Company*

Welcome by Dr. G. P. Harnwell, President of the University of Pennsylvania, who will be introduced by Dr. I. Wolff, Director of Research of RCA Laboratories and Chairman of the National Committee for this conference.

1. "An Engineering View of Transistor Physics"
J. M. Early—*Bell Telephone Laboratories*
2. "A New Equivalent Circuit for Junction Transistors"
J. Zawels—*RCA Victor*
3. "Circuit Implications of Surface-Barrier Transistors"
J. B. Angell—*Philco Corporation*
4. "The Variation of Junction Transistor Parameters with Operating Point and Temperature"
J. S. Schaffner—*General Electric Company*

SESSION III

JUNCTION TRANSISTOR AMPLIFIERS

Chairman: T. R. Finch—*Bell Telephone Laboratories*

10. "Summing and Integrating Amplifiers"
F. H. Baker—*Bell Telephone Laboratories*
11. "Transistor Power Amplifiers"
R. F. Shea—*General Electric Company*
12. "Tetrode I-F Amplifiers"
L. G. Schimpf—*Bell Telephone Laboratories*
13. "Transistor DC Amplifiers"
C. R. Hurtig—*Lincoln Laboratory, MIT*
14. "A Carrier-Frequency Feedback Amplifier"
R. E. Yeager—*Bell Telephone Laboratories*