

ACKNOWLEDGMENTS

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REFERENCES

- [1] Eisenbud, M., and J. H. Harley, *Science*, Vol. 117, pp. 141-147, Feb. 13, 1953.
- [2] Way, K., and E. P. Wigner, *Phys. Rev.*, Vol. 73, p. 1318, 1948.
- [3] Langmuir, I., *Journ. of Meteor.*, Vol. 5, pp. 175-192, Oct., 1948.

Program, 132nd National Meeting, American Meteorological Society, Philadelphia, Pennsylvania, September 21, 1954

**In conjunction with the First International Instrument Congress and Exposition
September 13-24, 1954**

**SYMPOSIUM ON METEOROLOGICAL
INSTRUMENTATION**

Joint meeting with the Instrument Society of America

Arranged by Louvan E. Wood, Chief Engineer, Bendix-Friez, Chairman, Meteorological Instrumentation Committee, ISA, and Program Chairman, AMS.

Technical Session (No. 32)—Tuesday Morning, September 21st, 9:30 A.M.

Technical Chairman: Edwin M. Talbott, Jr., Bendix-Friez, Towson 4, Maryland.

Technical Recorder: Leo S. Craig, Monmouth Electric Company, Neptune, N. J.

The NRL Aerograph, by R. E. Ruskin, Naval Research Laboratory, Anacostia, D. C. Paper No. 54-32-1.

Aerobee Rocket Grenade Instrumentation, by Joseph R. Walsh, W. G. Stroud, E. A. Terhune, S. Weiland, and J. M. Venner, Signal Corps Engineering Lab., Evans Signal Lab., Belmar, N. J. Paper No. 54-32-2.

An Improved Rapid Sequence System for Atmospheric Soundings to High Altitudes, by Henry Demboski, BuAer, Navy Dept., Washington, D. C. Paper No. 54-32-3.

A Fast Responding Electric Hygrometer, by Arnold Wexler, Frank E. Jones, S. B. Garfinkel, A. Krinsky, and S. Hasegawa, Mechanical Instrument Section, Bureau of Standards, Washington, D. C. Paper No. 54-32-4.

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Technical Session (No. 36)—Tuesday Afternoon, September 21st, 2:30 P.M.

Technical Chairman: E. F. Corwin, Navy Dept. Bureau of Aeronautics, Washington, D. C.

Technical Recorder: Christos Harmantas, U. S. Weather Bureau, Washington, D. C.

An Infrared Absorption Hygrometer, by Rex C. Wood, Instrument Division, U. S. Weather Bureau, Washington, D. C. Paper No. 54-36-1.

The Compression Hygrometer, by James M. Brady and H. D. Brailsford, Milton Point, Rye, New York. Paper No. 54-36-2.

An Airborne Meteorological Recording System, by J. C. Bellamy and Earl L. Washburn, Cook Electric Co., Res. Lab. Div., Skokie, Illinois. Paper No. 54-36-3.

A Method of Instrument System Analysis, by M. Smith, Cook Electric Co., Research Lab. Div., Skokie, Illinois. Paper No. 54-36-4.