

point defects and related topics. Requests for information should be directed to A. D. Franklin, National Bureau of Standards, Washington, D.C. 20234.

IQSY

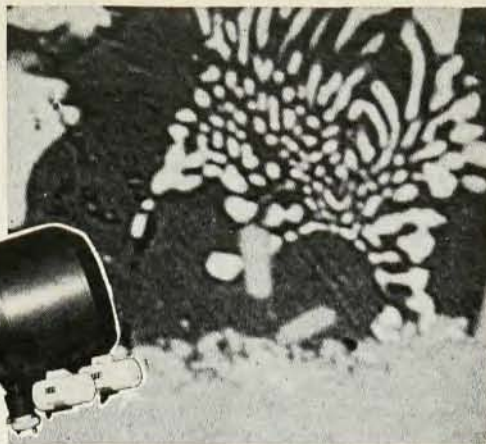
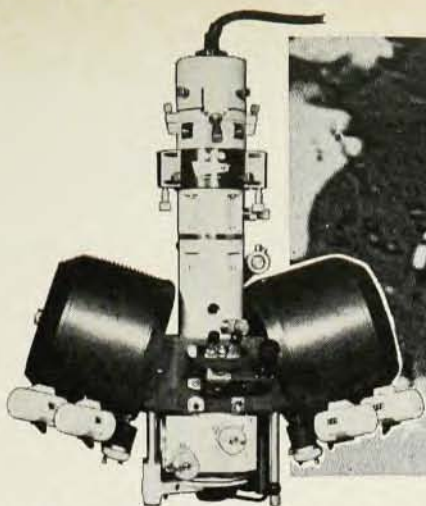
The Franklin Institute, in cooperation with the National Academy of sciences, will present a series of evening lectures this March by scientists who were involved in the International Years of the Quiet Sun (IQSY). Each lecture will take place in the Institute's lecture hall and will discuss some specific research objective of the program.

Martin A. Pomerantz (9 March) will introduce IQSY and discuss cosmic-ray research at the time; Helen Dodson Prince (16 March) will talk on solar activity; Wilmot N. Hess (23 March) will cover the nature of near space; and for the final lecture (30 March) David Johnson is tentatively scheduled for a discussion of the weather-research aspects of IQSY. For further information write to The Franklin Institute, Parkway at 20th Street, Philadelphia, Pa. 19103.

Metals and alloys

Japan's Institute of Metals is organizing an international conference on the strength of metals and alloys in commemoration of its thirtieth anniversary. The meeting will be from 4 to 8 Sept. 1967 and will consist of two sections: (1) the theory of strength and strengthening mechanisms and (2) strengthened metals and alloys. Section 1 will include dislocation and nondislocation theories; such strengthening mechanisms as work, alloy irradiation and quench hardening; recovery processes; and experimental evidence for theories and proposed mechanisms. Section 2 will cover ferrous and non-ferrous metals and alloys strengthened by various means with emphasis on correlations between strength and various parameters pertinent to microstructures, treatments, etc.

Information regarding the submission of papers and attendance will be available in April or May 1966 from Prof. R. R. Hasiguti, Department of Metallurgy, University of Tokyo, Bunkyo-ku, Tokyo, Japan.



X-ray image, Zr, Cu, Ag, In, 500X.

ELECTRON MICROANALYZER

LIGHT ELEMENT CAPABILITY • KOSSELL CAMERAS AVAILABLE

New scanning system gives uniformly high x-ray sensitivity over 400 x 400 micron area • 18° take-off angle for minimizing fluorescence • Large specimen chamber—fully accessible and readily removable • Sensitive spectrometers give high resolutions and peak-to-background ratios • Unique high resolution specimen current image • Variable speed plug-in specimen and spectrometer motor drives • Viewing parts and fluorescent screen permit simple beam alignment at any voltage • Automatic collodion x-ray window for light elements • Coaxial light optics.

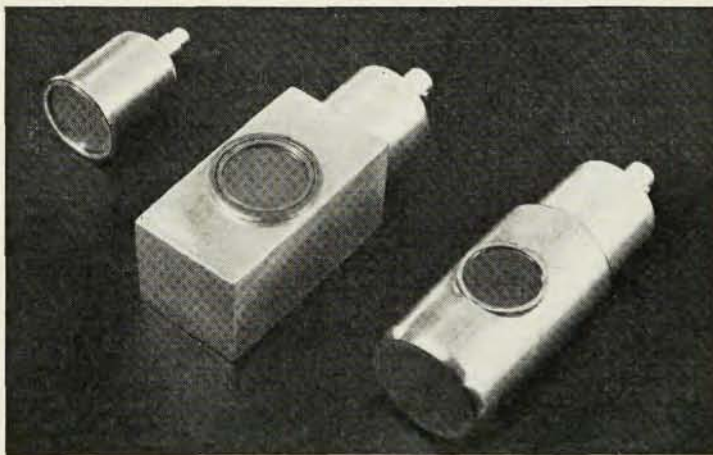
WRITE FOR COMPLETE DESCRIPTIVE LITERATURE.

Acton Laboratories Inc.



SCIENTIFIC INSTRUMENTATION DIVISION

531 MAIN STREET • ACTON, MASSACHUSETTS
a subsidiary of BOWMAR INSTRUMENT CORPORATION



ULTRA - THIN BERYLLIUM WINDOW PROPORTIONAL COUNTER TUBES

By LND, Incorporated

Write for complete data on our GM Tubes,
HE³ and BF₃ Counters and Flow Counters

LND, INC.

3230 LAWSON BLVD.
OCEANSIDE, NEW YORK 11572