



MAGNIFIERS



TELESCOPES



BINOCULARS



MICROSCOPES



COMPARATORS

RETICLES

PROJECTORS

POCKET MICROSCOPES

LENSES, PRISMS WEDGES

INSPECTION MIRRORS

SPECTROSCOPES

FASCINATING! INFORMATIVE!

GIANT CATALOG

OF OPTICAL BUYS!

..... Yours Free!

Over 1,000 Optical Items!

MANY ON-THE-JOB HELPS . . . QUALITY CONTROL AIDS!

Write for this amazing Catalog! You won't be sorry! 64 pages — hundreds of illustrations, charts, diagrams. A treasure-house of optical information . . . bargains galore. Optics for industry! Optics for research labs, experimenters, hobbyists! Instruments for checking, measuring — to speed your work, improve your quality, cut your costs. We give you FACTS, no fluff. Tell you what it is — how it works — where it's used!

COMPARATORS, MAGNIFIERS, MICROSCOPES

Countless war surplus bargains — ingenious optical tools from foreign lands. Thousands of optical components, lenses, prisms, wedges, mirrors, mounts — accessories of all descriptions. We are reliable. You deal with us by mail. No salesman will call. Shop the Catalog of America's greatest optical mart. Mail coupon. No obligation.

IF IT'S OPTICAL—WE'VE GOT IT!

MAIL COUPON FOR FREE OPTICAL CATALOG!

EDMUND SCIENTIFIC CO., Barrington, N. J.

Please send me FREE OPTICAL CATALOG "K"

Name

Company

Address

City Zone State

POSITIONS OPEN

RESEARCH PHYSICIST

Ph.D. preferred or M.S. with experience.

Small expanding laboratory in Cleveland metropolitan area offers opportunity to develop with company engaged in electronics research and manufacturing. Experience in semiconductors and thin films desirable but not necessary.

KEMET COMPANY

a Division of Union Carbide & Carbon Corporation

P. O. Box 6087

Cleveland 1, Ohio

PHYSICIST—Physical Chemist for Study of Rate Processes relating to chemical and phase changes induced by shock waves. Box 357A, Physics Today, 57 East 55 Street, New York 22, N. Y.

ENGINEERS • MATHEMATICIANS Live in Beautiful Pasadena!

Fastest growing digital computer needs you in California. See ELECTRODATA, Division of Burroughs, ad in this issue, Please refer to Advertiser's Index.

(Stockholm), L. H. Höcker (Stuttgart), K. Honda (Tokyo), T. Kahan (Paris), J. Kistemaker (Amsterdam), W. Kluge (Stuttgart), L. Koch (Saclay), S. Korff (New York), J. Labeyrie (Saclay), M. A. Leontovic (Moscow), F. Llewellyn Jones (Swansea), W. Lochte Holgreven (Kiel), L. B. Loeb (Berkeley), H. Maecker (Erlangen), H. Margenau (Yale), J. M. Meek (Liverpool), C. Miller (Santa Barbara), C. G. Morgan (Swansea), F. Netter (Saclay), W. B. Nottingham (Cambridge, Mass.), M. Paic (Zagreb), E. Palm (Greifswald), E. Persico (Roma), A. V. Phelps (Pittsburgh), R. Pottier (Saclay), R. Post (Livermore), H. Raether (Hamburg), O. Rimondi (Bologna), P. K. Rol (Amsterdam), D. J. Rose (Murray Hill), A. Rostagni (Padova), C. Salvetti (Milano), J. Sayers (Birmingham), C. Schuhl (Saclay), P. Schulz (Karlsruhe), R. Seeliger (Greifswald), D. Sette (Roma), M. Silvestri (Milano), T. Sluyters (Amsterdam), Z. Sternberg (Zagreb), M. Surdin (Saclay), P. C. Thoneman (Harwell), L. O. Tideman (Ludvika), N. Varney (Saint Louis), P. Veronesi (Bologna), M. Vendryes (Saclay), A. von Engel (Oxford), G. Wehner (Minneapolis), J. Weill (Saclay), G. Weissler (Los Angeles), W. Weizel (Bonn), S. D. Winter (Saclay), I. Wolff (Princeton), K. Yamamoto (Nagoya), a Harwell delegation, a delegation from Russia, G. Francis (Oxford), P. F. Little (Oxford), C. Sanchez del Rio (Madrid), P. Hubert (Saclay), Sir John Cockcroft (Harwell).

All those who wish to attend the Conference or desire further information are urged to write before March 15 to the General Secretary of the Conference, Prof. Ugo Facchini, Laboratori CISE, Via Procaccini 1, Milano, Italy, who will send them application forms. Hotel reservations are to be arranged by the Compagnia Italiana Turismo (CIT), Milano.

Chemistry and Physics of Metals

THE 1957 Gordon Research Conference on the Chemistry and Physics of Metals will take place July 8–12 at Kimball Union Academy, Meriden, N. H. This year's meeting, under the chairmanship of A. S. Nowick, will consist of some 15 scheduled lectures on the following topics: Visual Observation of Dislocations, Irradiation Effects, and Properties of Dislocations; panel discussions will be held on Observation of Dislocations and on Interaction between Point Defects and Dislocations. Lectures are to be given by P. Hirsch, J. J. Gilman, G. H. Vineyard, R. Smoluchowski, K. Lark-Horovitz, J. H. Crawford, Jr., J. A. Brinkman, A. Sosin and C. J. Meechan, M. D. Fiske, T. H. Blewitt, R. W. Balluffi, A. Seeger, K. Lücke, D. O. Thompson, and W. Dekeyser. Requests for additional information concerning the conference should be addressed to W. George Parks, Department of Chemistry, University of Rhode Island, Kingston, R. I.

Theoretical Physics

THE Theoretical Physics Division of the Canadian Association of Physicists is planning to sponsor a Seminar and Conference next summer at Edmonton and Banff, Alberta. The Seminar, to take place August 12–30 at the University of Alberta at Edmonton, will consist of several series of lectures, those designated "re-