WE HEAR THAT

Physics Today, one of the family of publications of the American Institute of Physics, has adopted a larger page size and has changed from flat-bed sheet-fed to rotary web-fed letterpress printing. The first sixteen volumes, beginning with the May 1948 issue of *Physics Today*, were composed and printed at the Lancaster Press in Lancaster, Pa., where other journals of the Institute and its member societies have been printed for several decades. Beginning with this month's issue, the printing of *Physics Today* is in the hands of the National Publishing Company of Washington, D.C. The change became necessary because of production problems arising from the steady growth in the number of pages published, coupled with the journal's rapidly increasing circulation. These problems can best be met by making use of the high-speed capabilities of rotary-press printing methods.

Jack H. Noon will serve during the current calendar year as visiting professor at the Plasma Research Laboratory of the Rensselaer Polytechnic Institute. He is on sabbatical leave from the University of Queensland in St. Lucia, Brisbane, Australia, where he is a senior lecturer in physics.

Donald H. Lyons, a physicist at the Sperry Rand Research Center in Sudbury, Mass., is spending a year at the University of Tokyo's Institute of Solid State Physics as a Fulbright scholar.

Lewis Fussell, Jr., an acoustical specialist in instrumentation and control systems, has resigned from his position with Edgerton, Germeshausen and Grier, Inc. He is now engaged in private consulting practice in Las Vegas.

In New York University's Department of Physics, **Alfred E. Glassgold** of the University of California, Berkeley, and **Henry H. Stoke** of the Massachusetts Institute of Technology have received appointments as associate professors of physics, and **Ben Josephson, Jr.**, of Rice University, **Leonard Rosenberg** of the University of Pennsylvania, and **Howard H. Brown, Jr.**, of MIT have been appointed assistant professors of physics.

Richard Marrus of the Lawrence Radiation Laboratory is at NYU as visiting assistant professor. Several members of the Department of Physics are on sabbatical leave. **Lawrence Spruch** is now at Oxford University; **Bruno Zumino** is at CERN; and **Werner Brandt** is now at the University of Götenberg in Germany. **Raphael Aronson**, formerly vice-president of TRG, Inc., has been appointed senior research scientist in NYU's School of Engineering and Science.

Julian L. Davis, a physicist at the Picatinny Arsenal in Dover, N.J., has been awarded a Secretary of the Army research and study fellowship for a year's advanced study in continuum mechanics at NYU's Courant Institute of Mathematical Sciences.

Robert F. Edgerton, formerly a teaching assistant at the University of Rochester, has been appointed assistant professor of physics at Carleton College in Northfield, Minn.

Nicholas Kemmer, professor of theoretical physics in the Tait Institute of Mathematical Physics of the University of Edinburgh, is spending the current academic year as visiting professor in the Physics Department of the University of Miami.

Daniel R. Frankl, formerly of General Telephone and Electronics Laboratories, Bayside, N.Y., is now professor of physics at the Pennsylvania State University.

George W. Sutton has been appointed scientific advisor to the Air Force Directorate of Development Planning in the Pentagon. Dr. Sutton was previously manager of magnetohydrodynamics power generation at the General Electric Space Sciences Laboratories.

Gordon Gross, head of the physics section of the Midwest Research Institute, is spending the year in Germany carrying out research at the Institute for General Metallurgy and Metal Physics at the Technical Uni-

versity in Aachen. During his absence **Fred Rollins** will be head of the physics section. The Institute has also announced the appointments of **Paul Bryant** as principal physicist and of **J. C. Grosskreutz** as senior advisor for physics.

A. W. K. Metzner has been appointed assistant professor of physics at San Diego State College. **John D. Garrison,** who spent a year at Brookhaven National Laboratories, and **Louis E. Smith, Jr.,** who has been working with the Physical Science Study Committee at the Massachusetts Institute of Technology, have returned to San Diego State after a year's leave of absence.

Klaus Bibl, formerly technical chief of the Breisach Station of the German Post Service, has been named senior scientist in Lowell Technological Institute's Research Foundation. **Joseph R. Killelea,** formerly manager of the technical services division of the Industrial Reactor Laboratories, Plainsboro, N.J., has been named director of the Nuclear Center at the Institute. In Lowell's Department of Nuclear Science and Engineering **Leon E. Boghian,** formerly a lecturer in the Massachusetts Institute of Technology's Department of Nuclear Engineering, has been appointed professor. In the Department of Physics and Mathematics, **Frank A. Grant,** previously a professor of physics at State University College, Plattsburgh, N.Y., has been appointed professor. **Kenneth S. Merrill** has been promoted to the rank of associate professor and **Thomas G. Kudzma** to that of assistant professor.

James E. Thomas has joined the Physics Department of Kansas State College as associate professor.

H. E. Farnsworth, research professor of physics at Brown University, has been named Annette L. R. Barstow University Professor.

New staff members in the Department of Physics at the College of William and Mary include **Robert T. Siegel** of the Carnegie Institute of Technology, who was appointed research professor of physics, **Robert E. Welsh** of Carnegie Institute of Technology and **Herbert O. Funsten** of Princeton, who were appointed research associate professors of physics, **George S. Ofelt** of Johns Hopkins University, who has been named assistant professor of physics, and **Morton Eckhause** of Yale University, named research assistant in physics.

Gerald M. Padawer, who recently received his PhD degree in physics from Columbia University, has become a research physicist in the Nuclear Section of Grumman Aircraft Engineering Corporation, Bethpage, N.Y.

Leonard S. Kisslinger, Joseph W. Weinberg, and **Paul R. Zilsel** have received promotions as professors in the Department of Physics at Western Reserve University in Cleveland. Professor Kisslinger was until recently on sabbatical leave as a Chaim Weizmann Memorial Fellow at the Weizmann Institute of Science in Rehovoth, Israel. **Stefan Machlup** has returned to Western Reserve after a sabbatical leave as a National Science Foundation Fellow at the University of Liverpool, England. **Amit Goswami,** formerly of the Saha Institute of Nuclear Physics in Calcutta, and **Benjamin E. Chi** have been appointed instructors in physics.

Mark A. Heald, on leave from Swarthmore College, is spending the current academic year in England with the Atomic Energy Research Establishment, Harwell, as a National Science Foundation Science Faculty Fellow. **Jarl Elmgren** has been promoted to assistant professor, and **Clair Neilson** of the Massachusetts Institute of Technology and **Mohammad Shafi** of Georgetown University have been appointed instructors in Swarthmore's Department of Physics.

Robert H. Rohrer, professor of physics and associate professor of radiology at Emory University, Atlanta, Ga., has been named to succeed **James W. Simmons** as chairman of the Department of Physics. Dr. Simmons continues to serve as a member of the faculty.

Gerald M. Clemence retired during the summer from his post as scientific director of the US Naval Observatory to become a senior research associate and lecturer in astronomy at Yale

University. He has been succeeded by **Kaj A. Strand,** formerly director of astronomy and astrophysics at the Observatory.

J. L. Franklin, former research associate with the Humble Oil and Refining Company, has assumed his new post as Robert A. Welch professor of chemistry at the William Marsh Rice University, Houston.

Earle K. Plyer, previously chief of the Infrared Spectroscopy Section of the National Bureau of Standards' Atomic Physics Division, is now head of the Physics Department at Florida State University.

Millard A. Lee, formerly of Bemidji State College, in Minnesota, is now assistant professor of physics at Wartburg College in Waverly, Iowa.

Sidney W. Benson, formerly professor of chemistry and director of the chemical-physics program at the University of Southern California, has joined the Stanford Research Institute in Menlo Park, Calif., as chairman of its new Department of Thermochemistry and Chemical Kinetics. **George E. Duvall,** director of the Institute's Poulter Laboratories, leaves the Institute this month for a position as professor of physics at Washington State University in Pullman, Wash.

John D. Blades, senior staff scientist at the Burroughs Laboratories, Paoli, Pa., is spending a year in France engaged in solid-state research at the Centre d'Etudes Nucléaires of the University of Grenoble.

James B. Calvert, Vincent J. Kisselbach, and **David G. Murcray** have been appointed assistant professors of physics at the University of Denver.

Robert E. Reynolds has been appointed assistant professor of physics at Reed College in Portland, Ore.

V. Hugo Schmidt of Valparaiso University has been named associate professor of physics and **Dong-Yun Kim** of New York University has been appointed assistant professor of physics at Montana State College in Bozeman, Montana.

Henri S. Sack, professor of engineering at Cornell University who specializes in solid-state physics, has been appointed to a five-year term as director of Cornell's Materials Science Center. The Center, established in 1960, is operated under a contract with the Advanced Research Projects Agency.

George Bancroft, president of the American Vacuum Society and previously director of research for Consolidated Vacuum Corporation, has joined Bendix-Balzers Vacuum, Inc., as executive assistant to the president.

Harry J. Dietrick has been appointed manager of aerospace and industrial products research at the B. F. Goodrich Company's Research Center in Akron, Ohio. He has been associated with Goodrich since 1953.

Frederick H. Abernathy has been promoted to associate professor of mechanical engineering in Harvard University's Division of Engineering and Applied Physics. **George R. Huguenin,** who has been associated with Harvard's Space Radio Project, has been named assistant professor of astronomy.

Joseph F. Shea has been named program manager of Apollo Spacecraft at the National Aeronautics and Space Administration's Manned Spacecraft Center in Houston, Texas. Dr. Shea has been succeeded in his previous post with NASA as deputy director of systems by **George M. Low,** who also serves as NASA's deputy director of programs.

Hans J. Queisser, senior physicist at the Clevite Semiconductor Division in Palo Alto, Calif., is spending a one-year leave of absence in West Germany as visiting professor at the Physics Institute of the Goethe University, Frankfurt.

New additions to the staff of the Los Alamos Scientific Laboratory are **Clayton W. Watson,** a nuclear engineer and former consultant to the Laboratory from the University of Florida, **Richard M. Tisinger, Jr.,** who recently received the doctoral degree from Johns Hopkins University, **Paul Vander Maat,** previously a research and teaching assistant at the University of Wisconsin, **Raymond Mjolsness,** a theoretical physicist and a Rhodes Scholar, and **John M. Palms,** who is studying for his doctoral degree at the University of New Mexico.