DiStasio chosen as APS postdoctoral fellow

Marcello M. DiStasio of Michigan State University has been chosen as an APS Industrial Postdoctoral Fellow. Now in its fifth year, the Industrial Postdoctoral Fellowship Program is intended to broaden the contribution of physics and physicists to industry and to open new opportunities for physicists in the US. The 1981 Selection Committee was headed by Maurice Goldhaber, APS Vice-President.

DiStasio was awarded a fellowship to work at the General Foods Corporation Technical Center in Tarrytown, NY, where he will develop mathematical models for complex food systems and apply them on a laboratory scale.

He received his PhD in chemical physics in 1980 from Michigan State University for a dissertation on time-of-flight characterization of short-lived decay products of isotopes produced from nuclear reactions. He remained at Michigan State to do postdoctoral work at the National Superconducting Cyclotron Facility, where he participated in the construction and development of large magnetic analyzing systems.

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The 1980 Fellows and their host laboratories were Gillian Watkins, International Nickel Co., and Frederica Darema-Rogers, Schlumberger–Doll; Darema-Rogers is now a member of the technical staff of Schlumberger–Doll. Continuation of the program has been approved by the APS Executive Committee. Interested physicists and industries should contact D. W. Kraft, Administrator, APS Industrial Postdoctoral Fellowship Program, The American Physical Society, 335 East 45th Street, New York, N.Y. 10017.

Five short courses offered by APS

Five short courses will be offered at the 1982 general meetings of the APS.

For the Annual Meeting to be held in San Francisco in January 1982, the Forum on Physics and Society together with the AAPT will sponsor a course on the arms race. This course is intended for physicists who either plan to teach about the arms race or who want to study the issues of the arms race more deeply, and will cover technical aspects of such topics as the effects of the nuclear arms race, the MX Missile, and electromagnetic pulse problems. The course will be held on 25 January, the day preceding the start of the Annual Meeting. For information contact Dietrich Schroeer, Department of Physics and Astronomy, University of North Carolina, Chapel Hill, NC 27514.

Four short courses are scheduled for the March 1982 meeting to be held in Dallas, Texas and will be given on the weekend preceding the meeting, 6–7 March 1982. The Division of High Polymer Physics will offer a course entitled "Fundamental Aspects of the Polymer Solid State." It will be organized by the staff of the Polymer Science and Engineering Department of the University of Massachusetts and will include discussion of rubber elasticity, the glassy state and glass transition, thermodynamics and kinetics of crystallization, polymer morphology and electrical properties of polymers. Details can be obtained from William J. MacKnight, Polymer Science and Engineering Department, University of Massachusetts, Amherst, Massachusetts 01003. Telephone: (413) 545-0433.

The Division of Condensed Matter Physics will offer two courses, "Synchrotron Light Sources and Applications" and "Pulsed Neutron Sources—Uses and Applications." The first of these is organized by Boris W. Batterman of Cornell University and Martin Blume of Brookhaven and will include such topics as the production of synchrotron radiation in storage rings and the instrumentation to use it, and applications in the vuv and x-ray regimes to all fields of condensed-matter physics, chemistry and biology. Details can be obtained from B. W. Batterman, Cornell University, Clark Hall, Ithaca, NY 14853 or M. Blume, Physics Division, Brookhaven National Laboratory, Upton, NY 11973. The course on pulsed neutron sources will include such topics as the fundamentals of neutron scattering, the principles behind the use of the new pulsed spallation sources and their applications to condensed-matter physics and materials science. For further information contact David L. Price, Building 372, Argonne National Laboratory, Argonne, Illinois 60439. Telephone: (312) 972-5518.

The fourth of the short courses at the March meeting is entitled "Business for Enterprising Physicists" and is sponsored jointly by the Committee on Education and the Committee on Opportunities in Physics. For a physicist interested in becoming an entrepreneur, the course is intended to help him learn business concepts and practices that enable him to make realistic decisions on what more to learn and how to proceed. Exposure to persons from the business community who provide services to small businesses, particularly at startup, will be emphasized. The course organizers are Charles C. Foster (Indiana University) and F. O. Hale (University of Missouri-St. Louis). For further information contact Charles C. Foster, Cyclotron Facility/Physics Department, Indiana University, Bloomington, Indiana 47405. Telephone: (812) 337-9365.

Announcements of these short courses will appear in the November *Bulletin* of the APS. All short courses are under the general sponsorship of the APS Committee on Education; I. S. Jacobs (General Electric) serves as short-course coordinator. □