
Meetings

Differential Equations

A SYMPOSIUM on Boundary Problems in Differential Equations, with particular reference to recent developments in the field, will be held April 20-22 at the University of Wisconsin in Madison, under the sponsorship of the Mathematics Research Center of the US Army. Both ordinary and partial differential equations will be considered, with the emphasis on methods that are potentially adaptable to computation.

The program will be composed of about twenty invited papers, each of thirty-minute duration, to be presented by both Americans and Europeans active in the field. The proceedings will be published. Persons interested in attending the symposium may receive the program and other details by writing to R. E. Langer, Director, Mathematics Research Center, US Army, 1118 West Johnson Street, Madison 6, Wisc.

Gas Chromatography

THEORETICAL and practical advances in the field of gas chromatography as it applies to both laboratory analysis and industrial process control will be covered during the second International Symposium on Gas Chromatography. The meeting will be held June 10-12 at the Kellogg Center for Continuing Education in East Lansing, Mich., under the auspices of the Analysis Instrumentation Division of the Instrument Society of America.

Technical sessions will be conducted during the mornings and evenings with the afternoons left open for free discussion groups and recreational activity. Each session will begin with a one-hour invited paper on a particular phase of gas chromatography followed by related 15-minute contributed papers covering specific major or minor advances in the field.

Papers should be submitted to the program chairman, Vincent J. Coates, The Perkin-Elmer Corp., Norwalk, Conn. Additional information and preregistration request forms may be obtained from the general chairman, Henry J. Noebels, Instrument Society of America, 313 Sixth Avenue, Pittsburgh 22, Pa.

Molecular Structure and Spectroscopy

DISCUSSIONS of methods for obtaining and interpreting molecular spectroscopic data and sessions devoted to those phases of spectroscopy which are of current interest will be included in the program of the Symposium on Molecular Structure and Spectroscopy

to be held June 15-19 at the Department of Physics and Astronomy of The Ohio State University in Columbus.

For further information, or for a copy of the program when it becomes available, write to Prof. R. A. Oetjen, Department of Physics and Astronomy, The Ohio State University, Columbus 10, Ohio.

Molecular Quantum Mechanics

UNDER the sponsorship of the National Science Foundation, an international Conference on Molecular Quantum Mechanics will be held at the University of Colorado at Boulder during the week of June 21-27. Steering committee members include J. O. Hirschfelder (Wisconsin), R. S. Mulliken (Chicago), R. Pariser (Du Pont), W. T. Simpson (Washington), J. C. Slater (MIT), J. de Heer (Colorado), and J. H. McMillen (NSF). Persons wishing to attend may contact the chairman of the steering committee, Prof. R. G. Parr, Department of Chemistry, Carnegie Institute of Technology, Pittsburgh 13, Pa. Attendance will be limited.

Nuclear Forces and the Few-Nucleon Problem

WORK currently being carried out on few-nucleon processes (3 or more, but less than 6-12 nucleons) and the interpretation of the results in terms of two or more body forces between the nucleons will be covered at a Conference on Nuclear Forces and the Few-Nucleon Problem to be held July 8-11 in the Physics Department of University College, London.

The first two sessions of the meeting, consisting of review papers and discussion only, will comprise a survey of the present position of the two-body nucleon-nucleon interaction obtained from consideration both of the "meson theory of nuclear forces" and of the nucleon-nucleon data below 200 Mev.

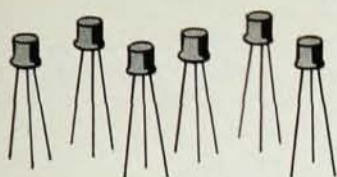
The remainder of the conference will be divided between review papers and short contributions and will be concerned with the few-nucleon process below 200 Mev, in terms both of theory and experiment. The emphasis is to be on the extent to which two-body nucleon-nucleon interaction is in accord with the experimental results.

Further details of the conference are available from Dr. T. C. Griffith, Department of Physics, University College, Gower Street, London, W. C. 1, England.

Computers and Data Processing

BASIC problems in data processing, particularly in the areas of formalized analysis techniques, logical design, systems organization, and components or devices, will be covered by the papers and panel discussions to be presented at the Denver Research Institute's 6th Annual Symposium on Computers and Data Processing which will take place July 30-31 at the Stanley Hotel in Estes Park, Colo.

Although the program will be made up largely of invited papers, some contributed papers will be given.



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PLACEMENT SERVICE REGISTER OF THE AMERICAN INSTITUTE OF PHYSICS

to be held in connection with the

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Willard Hotel, Washington, D. C.

LOOKING FOR PHYSICISTS?

Universities, institutions, government laboratories, and companies wishing to post notices of positions may send descriptions of the openings on 8½ x 11 paper in multiple copies (*15 required*) to the Institute office, or post them on arrival at the meeting. If you plan to have a representative present, to interview applicants, please indicate his name at the bottom of the job description sheets.

SEEKING A NEW POSITION?

Applicants may obtain registration forms and further information from the Institute office. *Pre-registration is advisable.* Complete registration forms must be received at the Institute office by April 1, 1959 to insure their inclusion at this register.

INTERVIEWS.

It is to the advantage of the registrants to be present. Interviews will be arranged between employers' representatives and applicants attending the meeting.

COMPLETE REGISTER of applicants will be available upon request at the meeting and after the meeting at a nominal service charge.

PLEASE REPORT TO THE PLACEMENT OFFICE UPON ARRIVAL AT THE MEETING

AMERICAN INSTITUTE OF PHYSICS, 335 East 45th Street, New York 17, N. Y.

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Prospective authors should submit 150-word abstracts, no later than April 1, to W. H. Eichelberger, Denver Research Institute, University of Denver, Denver 10, Colo., from whom further information about the symposium may be obtained.

Ultrasonics

PLANs are underway for a National Ultrasonics Symposium to be held August 17 at Stanford University, Stanford, Calif. Sponsored by the IRE Professional Group on Ultrasonics Engineering, the meeting will precede the 1959 Western Electronic Show and Convention (WESCON) to be held August 18–21 in San Francisco.

Papers intended for presentation at the symposium may be submitted on the following suggested topics ("which are not to be taken as all inclusive"): design, calibration, and use of high-power transducers for use in industrial processing and in sonar; antenna design and its analog in sonar transducers; electromechanical filters; survey of, new developments in, and circuit problems associated with ultrasonic delay lines; ultrasonic modulation in optical systems; nondestructive testing by energy absorption; effectiveness of ultrasonic cleaning by pulsed vs. steady-state cavitation; and noncontacting measurement of surface velocity by ultrasonic probe beam using Doppler effect.

April 1 is the deadline for submission in triplicate of abstracts (100 words) and summaries (500 words), each containing the title of the paper and the prospective author's name and address. All material should be sent to the symposium chairman, Dr. Vincent Salmon, Stanford Research Institute, Menlo Park, Calif., from whom further information is available.

Ionization Phenomena in Gases

THE Fourth International Conference on Ionization Phenomena in Gases is being organized by the University of Uppsala in collaboration with the Swedish National Committee for Physics and will be held August 17–21 in Uppsala, Sweden. The conference sessions, to take place in the University building, will cover fundamental processes in gas discharges, high-frequency discharges, glow discharges, arc discharges, spark discharges, high-temperature plasmas and controlled fusion, instabilities and oscillations in gas discharges, and new methods of measurements.

The deadline for abstracts (not to exceed 350 words) is June 15. Abstracts of all accepted papers will be made available at the conference and the complete papers will be published at a later date by North-Holland Publishing Company.

Final application forms will be available for distribution this month and should be requested as soon as possible. Inquiries concerning the meeting and requests for application forms should be sent to the secretary general of the conference, Dr. Åke Nilsson, Institute of Physics, Uppsala, Sweden.