

The American Physical Society

Division of Electron and Atomic Physics

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TO MEMBERS OF THE DEAP from Chun Lin

I. APS Washington Meeting (25-28 April 1977)

1. There will be a symposium on Rydberg states and one on parity violations in atoms sponsored by the DEAP. In addition a symposium on low-energy ion-surface scattering will be sponsored jointly with the Division of Solid State Physics.
2. The DEAP Executive Committee is scheduled to meet on Sunday evening, April 24. The newly elected committee member is R. D. Deslattes, Jr. Members should feel free to contact Steve Smith, Neal Lane, or myself if they wish to bring some topics to the attention of the committee.
3. The Program Committee meets at noon on April 25. Symposia and invited speakers for our 1977 Annual Meeting as well as for general APS meetings through April 1978 will be discussed. Suggestions for topics and speakers may be sent to Neal Lane, Department of Physics, Rice University, Houston, Texas 77001.
4. The Nominating Committee will probably convene sometime during the APS Washington meeting. Benjamin Bederson is the chairman of this committee and the other members are J. H. Eberly, W. W. Smith, and G. K. Walters. This committee will select a slate of candidates to present to the DEAP membership later in the year. Offices to be filled are vice-chairman, secretary-treasurer, and one committeeman. Suggestions may be sent to Benjamin Bederson, Department of Physics, New York University, 4 Washington Place, New York, New York 10003.

II. The Ninth Annual DEAP Meeting (1977)

The Ninth Annual Meeting of the Division of Electron and Atomic Physics will take place at the Hyatt-Regency Hotel in Knoxville, Tennessee on 5-7 December 1977. The scientific program of this meeting will consist of contributed papers, invited papers, and symposia. We wish to thank Ivan Sellin for handling much of the local arrangements.

The scientific sessions will be held at the Hyatt-Regency Hotel and most participants will be housed there. The rate is \$28 per room regardless of single or double occupancy. Forms for preregistration and hotel reservation will be mailed in the next newsletter.

Abstracts for contributed papers (one original and two duplicates for each paper) should be sent to Neal F. Lane, Department of Physics, Rice University, Houston, Texas 77001, and must be received by 7 September 1977.

III. Other Meetings

1. The Thirty-Seventh Annual Physical Electronics Conference and The Thirtieth Annual Gaseous Electronics Conference are sponsored by the DEAP. Announcements for these two conferences have appeared in the Bulletin of the American Physical Society. In addition to the regular contributed papers, the program of the 1977 Gaseous Electronics Conference will include a workshop on "Kinetic Processes in Visible and UV Lasers" and one on "The Role of Electron-Excited State Collisions in Glow Discharges".
2. 1977 Gordon Research Conference on "Atomic Physics", 4-8 July 1977.

This is the third such informal conference on "new developments in atomic physics". This series of small, informal meetings was initiated in 1973 to provide an alternative format to the large international conference in this field. This conference will be held at Brewster Academy, Wolfboro, N. H. during the week 4-8 July 1977. Attendance will be limited to approximately 125 participants. The conference will emphasize a selection of topics of current interest within the broad field of atomic and molecular physics. The general theme will be "atomic interactions", i.e., interactions of atoms and simple molecules with each other in collisions and with monochromatic radiation. The program of this conference, including a list of topics and speakers, can be found in the 11 March 1977 issue of Science, p. 1011.

Additional information may be obtained from Winthrop W. Smith, Department of Physics, University of Connecticut, Storrs, Connecticut 06268.

IV. NRC Reports

Two National Research Council publications, one entitled "Report of the Ad Hoc Panel on Accelerator-Related Atomic Physics Research" and the other "Subcommittee on Energy-Related Atomic and Molecular Science", have appeared. There are still some copies available for distribution. If you wish to receive these reports, please send your requests to me very soon.

V. Possibility of Holding the DEAP Meeting at the APS Annual Meeting

We have been informed by Dr. Havens that the trends of attendance and the number of contributed papers at the APS Annual Meeting (the one usually held in late January or early February in New York, Chicago, or the West Coast) is down and that the APS Committee of Meetings has suggested that it would be desirable for some of the Divisions to make the APS Annual Meeting their regular Divisional annual meeting. Dr. Havens has pointed out some advantages and disadvantages of having a Divisional meeting at the APS Annual Meeting. One advantage is that the mechanics of handling the meeting is taken over by the APS staff. However, the flexibility of choosing the time and place of the meeting is considerably reduced. The Divisional meeting sessions can be placed in one sector of a hotel and achieve the warm cozy feeling of a small topical conference. If a few Divisions with similar interests meet at the APS Annual Meeting, there will be a larger variety of subjects presented.

Dr. Havens would like to have the reaction of the DEAP on this proposal before the Washington APS meeting. If you have any thoughts about it, I would appreciate hearing from you as soon as possible.