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The American Physical Society

Division of Electron and Atomic Physics

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TO MEMBERS OF THE DEAP FROM PAT DEHMER

As a result of a production error at the AIP, page 2 was missing from some of the Newsletters that were mailed last week. Since this page contained information regarding the DEAP Meeting in Boulder, I have asked the APS to have the meeting announcement reissued in its entirety. Remember, the deadline for submission of abstracts for the Boulder DEAP Meeting is 21 January 1983.

III. ANNOUNCEMENT OF THE FOURTEENTH DEAP MEETING

The Fourteenth Annual Meeting of the Division of Electron and Atomic Physics will be hosted by the Joint Institute for Laboratory Astrophysics of the University of Colorado and the National Bureau of Standards, with the local organizing committee headed by David W. Norcross. The scientific sessions will be held on the campus of the University of Colorado and the program will consist of contributed papers, invited papers, and symposia. The symposia scheduled for this meeting are:

- (1) Radiative collisions (G. Bjorklund, organizer)
- (2) Exotic atoms (S. Lundeen, organizer)
- (3) The interaction of bound and continuum states (R. Hill, organizer)
- (4) Ultralow energy interactions between electrons and molecules (T. Rescigno, organizer)
- (5) Retrospective on quantum defect theory (D. Norcross, organizer).

More information on these symposia, including the names of the invited speakers, will be given in the next Newsletter.

Blocks of rooms have been reserved in the name of the meeting in the following motels:

Arapahoe Lodge, 2020 Arapahoe Avenue, Boulder, CO 80303, 303-449-7550
Boulder Inn, 770-28th Street, Boulder, CO 80303, 303-444-3800
Broker Inn, 555-30th Street, Boulder, CO 80303, 303-444-3330
Highlander Inn, 970-28th Street, Boulder, CO 80303, 303-443-7800
Holiday Inn, 800-28th Street, Boulder, CO 80303, 303-443-3322.

Current rates are in the range \$37-\$48 for singles and \$42-\$53 for doubles. Participants must make their own lodging reservations. Be sure to mention that you are attending the DEAP meeting when making your reservations.

In addition, a block of rooms has been reserved at the College Inn Conference Center. The College Inn has pleasant air-conditioned rooms with private baths, color televisions, and telephones in all rooms. Families are welcome. The current rate for room and board is \$134 for singles and \$97 per person for doubles. This includes lodging 22-24 May and all meals from dinner on 22 May through lunch on 25 May. The College Inn is not available on a room-only basis and no refund can be made for missed meals. Early arrivals and late departures must be approved in advance by the College Inn. The Arapahoe Lodge is quite convenient if accomodation outside the conference dates is required and is unavailable at the College Inn. To reserve space at the College Inn, please complete and return the form at the end of the Newsletter. You will receive an acknowledgment.

These blocks of rooms will be held until three weeks prior to the start of the meeting. All lodging facilities are located within a few blocks of the campus. Since limited parking is available on campus, participants are requested to leave their cars at the motels. Shuttle bus transportation will be available from the motels to the meeting location each day, starting on the evening of 22 May. The schedule for the shuttle bus will be posted in the lobby of each motel.

Participants arriving at Stapleton International Airport in Denver can proceed to Boulder by rental car, taxi (fare about \$40), or the Boulder Airporter Limousine Shuttle. The limousine leaves hourly from Door 10 in the baggage hall between 9:00 and 22:00 Sunday through Friday, and every two hours between 8:00 and 18:00 on Saturday. The fare is currently \$7.50, and the purchase of a ticket at the desk near Door 10 immediately upon arrival is suggested. On the basis of the anticipated arrival time given in the registration form, the local committee will provide the Airporter with advance notice of heavy traffic. The Airporter will stop at any of the conference motels. An up-to-date schedule for the Airporter will be provided with the pre-arrival package that will be mailed to all pre-registrants at least two weeks before the meeting. Maps and guides to Boulder and the campus also will be included in the pre-arrival package.

Registration will be held Sunday, 22 May between 17:00 and 20:00 in the Center Ballroom of the University Memorial Center (UMC) on campus, where there also will be an informal reception between 19:00 and 21:00. Registration will continue throughout the meeting in the lobby of the auditorium in Meunzinger Psychology (opposite the Duane Physics Laboratories and next to the stadium).

An excursion with a hike to a mountain lake will be organized for Sunday, 22 May. The hike will be strenuous, but nontechnical, and some snow may be encountered. Participants will be provided with a box lunch and will be asked to help defray the cost of the transportation. As the trip will start early on 22 May, participants should plan to arrive on 21 May.

On Monday evening, 23 May, there will be an open house with refreshments at the Joint Institute for Laboratory Astrophysics. An session featuring Program Officers from various funding agencies also is planned for that evening in the JILA auditorium. On Tuesday evening, 24 May, there will be a Western B-B-Q on the top of Flagstaff Mountain outside Boulder. On Wednesday evening, 25 May, there will be tour of the Coors brewery in Golden with a tasting party, late night snack, and juke-box dancing. This tour is limited to 120 persons. In addition, the second irregular DEAP tennis tournament will be held in conjunction with the meeting. Prizes will consist of fame and glory.

Given the location and the time of the year, the local committee would like to suggest combining attendance at the meeting with a family vacation. Boulder has a very pleasant downtown mall where strolling, dining, and enjoying entertainment by musicians, magicians, and jugglers has become a summer evening tradition. The front range boasts many attractions, including Rocky Mountain National Park, Colorado Springs, and colorful mountain towns such as Durango and Silverton. There are also many campgrounds, several within ten miles of Boulder.

The program for accompanying persons will include a get-acquainted coffee on Monday, 23 May, and several mini-van tours (with box lunches if needed). Depending on demand, these may include: Brainard Lake (walk-about for photographers and nature lovers); Rocky Mountain National Park (scenic tour of mountains and alpine meadows, with a chance to spot some elk); Georgetown (restored historic silver mining town); and Central City (historic gold mining town, narrow gauge train, opera house). Children may be included in these activities at your discretion.

Participants who plan to combine attendance at the meeting with a family vacation may obtain information from:

Denver and Colorado Convention and Visitors Bureau
225 West Colfax Avenue, Denver, CO 80202, 303-892-1112

Boulder Conference and Visitors Bureau
1001 Canyon Boulevard, Boulder, CO 80302, 303-442-1004

National Park Service, Rocky Mountain Regional Office
303-234-3857 (recorded message)

U.S. Forest Service, Rocky Mountain Regional Office
303-234-4745 (recorded message)

All those who plan to attend the meeting should return the registration form below, preferably by 22 April. For the purpose of determining the correct registration fee, "student" includes unemployed and retired persons. Advanced reservations for the hike in the Rocky Mountain National Park on 22 May is required, but reservations for the other social activities can be made at the meeting on a space-available basis. Advanced registration for all the events will be greatly appreciated.

IV. SUBMISSION OF ABSTRACTS FOR THE DEAP MEETING

Abstracts for contributed papers (one original and two duplicates) in standard Bulletin format should be sent to the Chairman of the Program Committee, Professor Daniel Kleppner, Department of Physics, 26-231, Massachusetts Institute of Technology, Cambridge, MA 02139. These abstracts must be received by Friday, 21 January 1983. Please mail your abstracts early or use an overnight postal delivery service to insure timely delivery. On Monday, 24 January, the abstracts will be sorted into sessions and forwarded to the American Physical Society for printing in the Bulletin of the American Physical Society. Please note on one corner of the abstract whether you prefer an oral session or a poster session. Both overhead and 35 mm slide projectors will be provided.