

MIT, speaking on "Solar System Dynamics with the Digital Orrery." Preceding the Brouwer Award Lecture, the DDA held a luncheon during which Steven Synnott of JPL showed slides and discussed the recent Voyager-Uranus encounter. At the banquet on the evening of 23 April, Donald Yeomans of JPL spoke on "Halley's Comet." In addition to these invited presentations, there were 30 contributed papers.

The officers of the DDA for 1986-87 are C. A. Williams (U. Florida), Chair; R. A. Broucke (Austin, Texas), Vice Chair; G. G. Byrd (U. Alabama), Secretary; P. J. Shelus (U. Texas), Treasurer. The continuing DDA Committee members are D. Pascu and D. Saari. New DDA Committee members are B. Marsden, J. B. Dunham, P. O. Vandervoort, and P. Weissman.

The Brouwer Award Selection Committee for 1986-87 consists of F. Shu (Chair), A. W. Harris, P. K. Seidelmann, P. Goldreich, and C. A. Williams (DDA Chair). Complete nominations, which include a curriculum vita and bibliography of the nominee and at least three supporting letters testifying to the long-term impact of the nominee's contributions to Dynamical Astronomy, must be received by the Selection Committee by 1 January 1987 in order to be considered for an award in 1987. No Brouwer Award was made this year.

The date and place of the next annual meeting has not yet been determined.

The DDA currently has 198 regular members, 48 affiliates, and three foreign associates.

D. High Energy Astrophysics Division

Richard McCray, Chair

The Annual Meeting of the High Energy Astrophysics Division (HEAD) took place in January 1986, at the 167th meeting of the AAS in Houston. The special sessions at this meeting were devoted to science with the Advanced X-Ray Astronomy Facility (AXAF). Invited speakers were A. C. Brinkmann, C. R. Canizares, A. C. Fabian, G. P. Garmire, R. Giacconi, S. S. Holt, J. L. Linsky, S. S. Murray, R. Mushotzky, L. P. Van Speybroeck, and A. S. Wilson.

The winner of the second annual Rossi Prize was Allan S. Jacobson for his pioneering work in gamma ray spectroscopy, including the discovery of diffuse galactic gamma ray emission in the 1.809 MeV-aluminum-26 line and time variability in the 0.511-MeV annihilation line from the galactic center. A certificate and \$500 were presented to him at the Ames, Iowa meeting on 25 June 1986, when he gave an invited talk on his work.

The HEAD currently has a membership of about 500 astronomers. The 1986 officers are Richard McCray, Chairman; David J. Helfand, Vice Chairman; Jonathan Ormes, Secretary-Treasurer; and an Executive Committee consisting of Webster D. Cash, Jr., Roger Chevalier, Gordon P. Garmire, Marvin Leventhal, Jeffrey R. McClintock, Robert Rosner, and Trevor C. Weeks.

E. Historical Astronomy Division

E. C. Krupp, Chairman

In 1986, the Historical Astronomy Division (HAD) held its sixth annual meeting in conjunction with the 167th Meeting of the American Astronomical Society in Houston, Texas, in January 1986. Attendance at the historical sessions averaged 60 throughout all three sessions. The first of these, an independent session, was held on the campus of Rice University on the Sunday afternoon prior to the opening of the AAS meeting, with the cooperation of the Rice University History Department and Dr. Albert Van Helden. Twenty-one papers were presented—four of them invited—and topics ranged from the history of McDonald Observatory to Leonardo da Vinci's drawings of surface features of the moon. These drawings are the oldest known drawings of lunar surface

features. Three papers relating to Comet Halley and Edmond Halley provided an appropriate nod to the 1985-86 Comet Halley tour. Donald Osterbrock's presentation on Nickolas T. Bobrovnikoff and his work on Comet Halley in 1910 prompted the Division to approve the preparation of a letter of greeting and appreciation to Dr. Bobrovnikoff by the HAD Chairman on behalf of the Historical Astronomy Division in this year of Comet Halley's return. Archeoastronomical and ethnoastronomical subjects ranged from the Zuni of the American Southwest to the Tantric Buddhists of Tibet.

The HAD Business Meeting was held at noon, on Monday, 6 January 1986. HAD Chairman E. C. Krupp presided. An important decision concerning dues was reached and ratified. HAD dues for Regular Members remain at \$6.00 for three years. Affiliate members will be charged \$15.00, beginning with 1986, to cover the AIP charge of \$3.00/year for listing an Affiliate's name and address in the AAS Directory. AAS Council policy provides only two options: either all Affiliates must be listed or none may be listed. In a survey of the HAD members, the option of listing and charging Affiliate members an additional fee was clearly preferred.

Time and place for the next HAD meeting were discussed. The seventh annual meeting will be held in Pasadena, in January 1987, in conjunction with the 169th Meeting of the AAS. A special session and a field trip will probably be scheduled in addition to regular sessions and a business meeting. Officers and Councilors of HAD include E. C. Krupp, Chairman; Donald Osterbrock, Vice-Chairman; David H. DeVorkin, Secretary/Treasurer; and Councilors Katherine Bracher, Von Del Chamberlain, Owen Gingerich (Past-Chairman).

The present membership of HAD now exceeds 300.

VIII. COMMITTEES

A. Astronomy News Committee

Harry Shipman, Chair

The job of this committee is the preparation of the astrophysics section of "Physics News in 198x." This is a summary of recent developments in all fields of physics. It is distributed as an insert in the January issue of *Physics Today* and is sent separately, as a booklet, to a mailing list of science writers, congressional aides, department chairs, and laboratory directors.

Phil Schewe of the AIP is overall editor of "Physics News," and he has been quite generous with the astrophysics section. It has generally been the largest single section in the book. The contents of the section, and the authors of various stories this year, were as follows:

Introduction	Harry Shipman
VB8B, the First Brown Dwarf Outside our Solar System	Frank Low
A Year of Comet Studies	Katherine Bracher
Circumstellar, Possibly Protoplanetary Disks (Beta Pictoris + IRAS work)	Harry Shipman
Astroseismology (GONG project + observations of oscillations in alpha Cen A, Epsilon Eridani, and HR 1217 which are analogues of the 5 min solar oscillations)	Hugh Van Horn
Supernova Observed in its Brightening Stage	Katherine Bracher
New Telescopes for the 1990s	Harry Shipman
Signals from Cygnus X-3 (particle detections in underground experiments)	Tom Gaisser