

1970 II

The American Physical Society

Division of Electron and Atomic Physics

PETER L. BENDER, *Chairman*
Joint Institute for Laboratory Astrophysics
Boulder, Colorado 80302

FELIX T. SMITH, *Vice-Chairman*
Stanford Research Institute
Menlo Park, California 94025

STEPHEN J. SMITH, *Secretary-Treasurer*
Joint Institute for Laboratory Astrophysics
Boulder, Colorado 80302

TO THE MEMBERSHIP OF DEAP

The Nominating Committee appointed earlier this year by our Chairman, Dr. Bender, has completed its work and has presented the following nominees for offices to be filled, for terms as indicated, commencing at the close of the Annual DEAP Meeting at Seattle (November 23-25, 1970):

<u>Chairman</u>	- Felix T. Smith	(1 year)
	Stanford Research Inst.	
<u>Vice Chairman</u>	- Henry M. Foley	(1 year)
	Columbia University	
<u>Secretary-Treasurer</u>	- Francis M.J. Pichanick	(1 year)
	Univ. of Massachusetts	
<u>Executive Committeeman</u>	- Daniel Kleppner	(one to be
	Mass. Inst. of Technology	elected
	J. William McGowan	for a
	Univ. of Western Ontario	three year
	Russell D. Young	term)
	Natl. Bureau of Standards	

The Executive Committee, which acts as nominating committee for the office of Divisional Councillor, to be filled in February, 1971, has selected the following nominee:

Divisional Councillor - Ronald Geballe (4 years)
Univ. of Washington

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Under the Bylaws, additional nominations by members of the DEAP will be recognized and included on the ballot if five per cent of the members of DEAP concur in the nomination. Therefore, if the same person is nominated by seventy-six members, his name will be included on the ballot. Such nominations must be received by the Secretary-Treasurer before August 1, 1970, must be in writing, and must be signed by each of the seventy-six or more participating members.

In the absence of a contest for any given office, the nominee listed above will be declared elected. Ballots for contested offices will be mailed about September 1.

By tradition, although not a requirement of the Bylaws, the Vice Chairman succeeds to the Chairmanship. The Secretary-Treasurer has usually served three consecutive terms, and never more than that.

The members of the Nominating Committee were Vernon Hughes (Chairman), Homer Hagstrum, J. Arol Simpson, and Aaron Temkin.

For your information, vitae of all the nominees are included below. Current officers of the DEAP are listed on the letterhead. J. Arol Simpson (NBS) is the outgoing Divisional Councillor. Fred Allen (University of California), A. V. Phelps (Westinghouse), and R. S. Berry (University of Chicago) are the Executive Committeemen, with terms which expire in November of this year, one year hence, and two years hence, respectively. The immediate past chairman, S. Borowitz (New York University) also sits on the Executive Committee, as will P. L. Bender next year. W. T. Peria (University of Minnesota), and W. R. Bennett (Yale) are serving one year chairman's appointments to the Executive Committee.

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SMITH, FELIX T., 49, B.A. 1942 Williams College, L.L.B. 1949, M.S. 1953, Ph.D. (physical chemistry) 1956 from Harvard. Sr. Chem. Physicist, Stanford Res. Inst., 1956-. Guest lecturer, Stanford University, 1969. Vice-Chairman of the Division of Electron and Atomic Physics, 1970. Fundamentals of atomic and molecular collisions, energy exchange, gaseous chemical kinetics, theory of elastic and inelastic collisions.

FOLEY, HENRY M., 53, B.S. 1938, Ph.D. (physics) 1942 from Univ. of Michigan. Res. physicist, Applied Physics Lab., John Hopkins Univ. 1942-46; Columbia University, since 1946: Professor 1954, Chairman of Department 1957-60. Liaison Scientist, Office of Naval Research, London, 1968-69. Guggenheim Fellow 1954-55; Fulbright Lecturer, Utrecht, 1955. Pressure broadening of spectral lines, magnetic moment of electron, hyperfine anomalies, molecular hfs spectra, radiative corrections to fs and hfs, pressure-induced absorption and line shape, collisional excitation by ions.

PICHANICK, FRANCIS M., 34, B.S. 1957, M.S. 1958, University of Cape Town. Ph.D. (physics) 1961, Oxford. Research Asst. 1961-62; Instructor, 1962-63, Asst. Prof. 1964-69 Yale. Assoc. Prof. 1969-, University of Massachusetts. Research Collaborator 1969-70, Brookhaven. Rhodes Scholarship 1958-61. Amer. Phys. Society Visiting Scientist 1969-70. Nuclear moments, atomic beam r.f. spectroscopy, electron-atom collisions.

KLEPPNER, DANIEL, 37, B.A. 1953 Williams College, B.A. 1955 Cambridge Univ., England, Ph.D. (physics) Harvard, 1959. Fulbright Fellow, Cambridge, 1953-55; NSF Postdoc Fel, 1959-60; Alfred E. Sloan Found. Fel, 1962-66; Assoc. Prof. M.I.T. 1966-. Asst. Prof. 1962-66; Instr. 1960-62, Res. Fellow, 1959-60, Harvard. Atomic beam spectroscopy, masers, high precision measurements and fundamental constants, atomic beam scattering studies.

McGOWAN, J. WILLIAM, 38, B.Sc. St. Francis Xavier, Canada 1953, M.Sc. Carnegie Mellon Univ. 1958, D.Sc. Laval, Quebec 1961. Instr. Physics St. Francis Xavier 1954-55; Res. Asst. Westinghouse Res. Lab 1957-58. Res. Phys. 1958-60, Instr. 1959-60, Postdoc, 1961-63, Laval. Gulf General Atomic 1963-69. Visiting Fellow JILA 1965. Prof. Univ. of Western Ontario 1969-. Electron positron, ion, atom and molecule collisions, radiation physics, biophysics, diffusion of electrons and positrons in solids.

YOUNG, RUSSELL D., 46, B.S. Rensselaer Polytechnic Inst. 1953, M.S. 1956, Ph.D. (physics) 1959 Penn. State. Res. Assoc. Penn. State 1959-61. MEMBER STAFF, Natl. Bureau of Standards, 1961-. Absorption, energy analyzers and condensation of metal atoms on clean surfaces, resonance tunneling involving measurement of electronic energy levels of single atoms absorbed on metal surfaces.

GEHALLE, RONALD, 52, B.S. 1938, M.A. 1940, Ph.D. (physics) 1943, Calif. Phys. Radiation Lab, California, 1942-43; Applied Physics Lab, Washington (Seattle), 1943-46, Asst. Prof. physics, 1946-54, Assoc. prof, 1954-59, Prof. & Chmn. Dept., 1959-. Past President American Association of Physics Teachers. Past Chairman Division of Electron and Atomic Physics of APS. Atomic collision processes; physics education.

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ANNUAL MEETING

The Second Annual Meeting of the DEAP will be held at the Pacific Science Center in Seattle on November 23-25, 1970. The chairman of the Local Committee is Professor Norval Fortson of the University of Washington. A block of rooms has been reserved at the Washington Plaza Hotel at a special rate of \$15 per single and \$19 per double room. The registration fee for the meeting will be \$10. Since November 26 is Thanksgiving Day, please make your airline reservations as early as possible. The meeting will end at 12:00 Noon on the 25th to permit people returning to the East Coast to make their flights. A banquet is being planned for the evening of the 23rd, and one or two scientific sessions will probably be held on the evening of the 24th.

A major feature of the meeting will be a symposium organized jointly by the Division of Chemical Physics and the DEAP on Common Problems in Theoretical Chemistry and Atomic and Molecular Physics. A number of other invited papers covering areas of interest to the Division will also be on the program. The deadline for receiving abstracts of contributed papers is September 14, and the abstracts should be sent to: Dr. Felix T. Smith, DEAP Program Chairman, Stanford Research Institute, Menlo Park, Calif. 94025. Abstracts for the Symposium on Spectral Line Shapes, which is being held during the annual meeting, should be sent to: Dr. Earl W. Smith, Plasma Physics Section, National Bureau of Standards, Boulder, Colorado, 80302. Please follow the rules and regulations prescribed in the Bulletin for the preparation of abstracts.