



Delegates at Indo-US conference. In left foreground Eric Rogers talks with L. S. Kothari. Center front is R. S. Krishnan with Shri Chandrakant at his left shoulder. Talking in right foreground are B. S. Chandrasekhar and Harry F. Meiners. At rear, left to right: B. S. Sood, Rais Ahmed, Max Hellman and Gordon Hiebert.

cated periodic, in-house exams given by the faculty. In this way, the delegates felt the teacher or department could improve the curricula and teaching methods, and the student could choose from different courses. In the present system a 24-34 class-hour week leaves little time for independent study and research by teacher or student.

PhD specialization and its emphasis on pure research were also regarded as roadblocks; yet even this research was considered weak in personnel and facilities. As remedies, the conference recommended not only more financial sup-

port but "academic recognition of applied research" that would be more beneficial for a developing country. Trained PhD's would then be prepared for industrial jobs, and ties, which are presently nonexistent, could develop between industrial and university research.

Other recommendations called for strengthening the physics community as a whole by establishing an Indian physics association, science-teaching centers, a journal on physics education and research, plus regional libraries and meetings.

AIP raises journal rates; APS drops 20% subsidy

Some 1971 nonmember subscription rates have been increased for journals of the AIP and also for some of the journals it distributes; yet some foreign member subscriptions have been cut (for a partial listing see below). Most member prices remain the same. The American Physical Society has decided to drop the 20% subsidy for its members' 1971 subscriptions to AIP journals.

Now APS members pay the same as other AIP society members.

The higher subscriptions, says AIP director, H. William Koch, are caused by increased publishing costs. In cutting foreign-member subscription rates, he explained, the difference between foreign and domestic rates is now only the transportation costs. *Applied Optics*, distributed by AIP for the Optical

Society of America, will for 1971 be offered on membership; OSA membership dues have been raised to \$25.00.

The APS decision to drop the 20% subsidy for AIP journals will save about \$40 000, all of which has been appropriated for APS programs dealing with the employment problem. The journals affected are *The Review of Scientific Instruments*, *The Journal of Chemical Physics*, *Journal of Applied Physics*, *Applied Physics Letters*, *the Physics of Fluids* and *Journal of Mathematical Physics*.

FAS expanding operations; plans to boost membership

The Federation of American Scientists is planning to expand its operations and to increase its membership, according to Jeremy J. Stone, new FAS executive director.

The new plans, says Stone, are to "set up tens of three-man issue committees to keep abreast of a variety of issues in the science and public policy area, for example, offensive weapons, science and privacy, drug abuse, the Atomic Energy Commission, right to legislative lobbying, public education and the PhD surplus. The FAS is also attempting to live up to its name of a federation by bringing under its umbrella a large variety of like-minded organizations." A recent affiliate is the Union of Concerned Scientists at MIT. During this fall the federation hopes to boost its membership of 2000 with mail solicitations and visits to chapter locations.

Stone was named the first executive director in a decade on 1 July and is located in a new office in Washington, D.C. At the same time, Herbert F. York was elected chairman. Trained as a mathematician, Stone was an international affairs fellow at the Council of Foreign Relations and is the author of *Containing the Arms Race*. York is presently dean of the graduate program and physics chairman at the University of California, San Diego. He was formerly chancellor of the university and served as director of defense research and engineering for President Eisenhower. □

Some Subscription Prices of Journals

	NON MEMBER				MEMBER			
	Domestic		Foreign		Domestic		Foreign	
	1970	1971	1970	1971	1970	1971	1970	1971
The Review of Scientific Instruments	\$15.00	\$22.00	no change		no change		\$18.50	\$13.50
The Journal of Chemical Physics	70.00	105.00	no change		no change		59.50	42.00
Journal of the Optical Society of America	30.00	35.00	\$32.00	\$37.00	on membership			
Applied Optics	24.00	35.00	24.00	38.00	on membership			
American Journal of Physics	12.50	18.00	14.50	20.00	choice of one			
The Physics Teacher	5.00	8.00	7.00	10.00	on membership			