

—“What are the unique properties which enable superconductors to be used to generate high fields?”—“What can we expect now and in the future from non-superconductors?”—“What engineering problems are being encountered, i.e., extremely high forces and high energies?”

Mr. Hempstead will also describe some of the applications of these new magnets in such areas as plasma physics and the generation of high frequencies.

Trip to Idlewild Scheduled for May 25

The New York Section has scheduled a field trip to New York International Airport for 2:00 p.m., Friday May 25.

The tour will cover the air traffic control facilities of the FAA. In addition, a presentation will be made on the operation and equipment needs for air traffic control.

Further details will be published in the May issue of *THE MONITOR*.

Stevens Presents Seminars on Biological Macromolecules; Scientific Public Invited

On Saturday, April 7 and April 14, the two remaining seminars in a series of four on the subject of biological macromolecules, will be presented at Stevens Institute of Technology, Hoboken, N. J.

The scientific public is invited to attend these seminars, which will be held in the Seminar Room of the Stevens Center located on Castle Point, from 9:30 a.m. to 1:00 p.m.

The meeting topics are as follows:

April 7—“The Theory of Simple Electrolytes,” by Dr. R. M. Fuoss of Yale; and “Polyelectrolyte Solutions,” by Dr. S. A. Rice of the University of Chicago.

April 14—“Optical Rotation and Its Application to Biological Systems,” by Dr. H. Eyring of the University of Utah; and “Molecular Conformation and Solution Properties of Macromolecules,” by Dr. W. H. Stockmeyer of Dartmouth.

chairman's message

About the Proposed Merger of IRE, AIEE

Within a few weeks you will receive a ballot asking you to approve or disapprove the merger of the IRE and the AIEE into the new society to be called the IEEE. As is the case with most societies, clubs, and organizations, the majority of the membership will probably be somewhat indifferent to the whole idea. We cannot, in a few lines of amateur editorializing, hope to completely change the normal tendencies of the N. Y. Section members, but in all good conscience we must try.

We all bear a responsibility for being informed prior to making a judgement. This should apply regardless of whether one feels too remote from a situation to care much about it, because in time the remoteness might evaporate and the care grow more intense. With the valid assumption that most of you are pleased with IRE, you should consider the elements of the *Principles of Consolidations* to see whether or not you will be more pleased with the new IEEE. On this basis, you will have shouldered your responsibility when casting your ballot.

The Importance of Voting

However, at the very least, without the effort of studying documentation and being informed, you should cast a ballot on intuition, if nothing more. Not voting at all, with the simple effort involved, is truly not understandable. To effect the merger, one-third of each membership must vote and of this group there must be a two-thirds majority. So your vote is very important!

The *Principles of Consolidation*, as well as a number of background



Herbert W. Pollack

letters from past President Berkner and President Haggerty, will appear in a supplement to the March *Proceedings*. A second supplement may be issued with the April *Proceedings*, which will contain communications from the membership that express many views, including some negative ones. Read as much as you can; it might raise some questions or provide some answers.

Questions will be answered at each of our forthcoming meetings. In addition, if you care to correspond with me, I will try to provide you with answers to your queries.

In conclusion, I quote Dr. A. N. Goldsmith who, in a letter, discussed the “General Philosophy of an IRE-AIEE Merger.” He indicated that “purely emotional partisan or political aspects have little place in the plans for a merged society. The guiding criterion throughout the planning is embodied in the question: ‘Will the proposal be of benefit to humanity, to science and engineering, to the merged societies and to the entire membership?’”

Determine the facts for yourself and make that considered judgement when you cast your ballot.

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