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well) proposed a rapid method for the rough evaluation of surface treatments, and, in the one non-field-effect paper of the session, Albers and Thomas (Wayne State University) studied the surface magnetoresistance of extremely thin slabs.

In the over-all view, this conference left the writer with somewhat mixed feelings. On the one hand, there have been highly significant advances in many directions and clear evidence that the intensity and elegance of surface studies are on the increase. On the other hand, however, one feels a lack of broad unification in the results of the three years since the Philadelphia conference. In particular, the question of the atomic configurations responsible for the known surface states is still wide open.

There can be no question, though, of the excellence of the preparation and arrangements for this conference, and a deep debt of gratitude is due to the sponsors and to J. N. Zemel, the chairman. The proceedings are to be published as a special issue of the *Journal of the Physics and Chemistry of Solids* (papers only) and as a book (including discussions).

Daniel R. Frankl

Sylvania Research Laboratories

Mass Spectrometry

COMMITTEE E-14 on Mass Spectroscopy of the American Society for Testing Materials will hold its eighth annual meeting from June 26 through July 1 at the Hotel Dennis in Atlantic City, N. J. A total of eighty-five papers, both contributed and invited, are to be presented. The program will include four symposia on specialized topics, of which the first, a symposium on photoionization with C. A. McDowell presiding, will take place Monday morning, June 27. During the afternoon of the same day, W. R. Shields will preside at a symposium on the precise measurement of uranium isotope abundance using UF_6 . Mass spectrometric analysis of solids will be reviewed the following morning in a symposium with Mark G. Inghram presiding. The fourth symposium, on ion rearrangement processes, F. W. McLafferty presiding, will be held the afternoon of June 30.

In addition to the sessions of technical papers, there will also be subcommittee meetings to discuss gas analysis, hydrocarbon type analysis, high molecular weight techniques, wax analysis, and propylene polymer analysis. One subcommittee has scheduled an informal discussion on the role of mass spectrometry in space research.

Requests for additional information about the meeting should be sent to the program chairman of ASTM Committee E-14, Dr. Vernon H. Dibeler, National Bureau of Standards, Washington 25, D. C.

University Reactors

UNIVERSITY scientists will discuss various problems relating to the campus use of nuclear reactors at a meeting to be held August 17-19 in Gatlinburg, Tenn. Sponsored by the Oak Ridge Na-