

PREFACE

SEVENTH TOPICAL MEETING ON THE TECHNOLOGY OF FUSION ENERGY

CARL D. HENNING

*Lawrence Livermore National Laboratory, P.O. Box 5511, L-644
Livermore, California 94550*



As an experiment, the Seventh Topical Meeting on the Technology of Fusion Energy was embedded into the ANS National Meeting in Reno. By so doing, we were able to correct a scheduling conflict with a competing conference. It was a delight to have the great encouragement of General Chairman John Stouky and the ANS staff for implementing what could have been a difficult procedure. As a result, the embedded topical was quite successful in drawing over 200 papers in 24 sessions, representing nearly 40% of the total conference papers.

Attendance at the topical meeting was international in nature. While we do little foreign advertising, it is evident that the broad content of the meeting is of continuing interest to fusion researchers around the world. We were pleased to have several excellent papers on the Joint European Torus experiment. Special sessions were organized, covering the spectrum from fusion reactor design to machine upgrades and next-generation devices. Dr. Kulcinski spoke at the combined national plenary session about the recent progress of both magnetic and inertial fusion.

I believe that the cross-fertilization of ideas in such an embedded topical meeting was quite beneficial. Other divisions had an opportunity to share in the full spectrum of fusion topics, while fusion was fully able to borrow from more fully developed nuclear technologies. Meanwhile, the unique identity of the Fusion Division was preserved to enhance interest and participation.

It was a pleasure to serve as chairman of the meeting. Special thanks are owed to my secretary, Donna Schreiber, for her many hours of effort. Also thanks to Rick Olson, who served as publications chairman to provide George Miley with reviewed papers for *Fusion Technology*. We had the full support of Steve Dean, chairman of the Fusion Energy Division, and Martin Adamson, chairman of the Materials Science Technology Division, who cosponsored several sessions.