

## EDITOR'S NOTE

The 1979 Linear Accelerator Conference was held at Gurney's Inn, Montauk, New York. It was the tenth meeting in this series and was distinctive in several ways. It was the largest in number of participants (155 plus BNL visitors) and papers presented. It inaugurated the use of Poster Sessions, with more than half of the papers presented in this mode. It was the most international in scope, with accelerator scientists from the Peoples Republic of China attending for the first time.

The meetings were held over a period of five days, with a break at mid-week to allow participants to visit Brookhaven National Laboratory. Each conference day consisted of a 4-hour morning session of oral presentations, a 2-hour period after lunch during which poster papers were displayed but not manned, followed by a 2-hour period during which authors were present at the poster papers, and a post-dinner evening session for oral presentations. This format seemed to work well and allowed sufficient mid-day time for informal discussions.

These Proceedings form the record of the Conference. They consist of 91 technical papers plus the Welcoming Address and Conference Overview. Two of the papers were contributed for "publication only" because the authors were unable to attend. All of the remaining papers were given as invited papers, oral papers or poster presentations. From the large number of abstracts submitted to the Program Committee, it became clear that only a fraction could be chosen for oral presentation. The decision was made to join the growing trend toward Poster Sessions to provide an open forum for discussion, rather than accept the papers for publication only. From comments at the Conference, it seemed that the participants shared this view. An attempt was made to record the discussions at the poster presentations, by requesting attendees and authors to write a synopsis of their questions and answers; this proved to be a total failure. Although the sessions were the scene of lively discussion, not a single record was submitted for inclusion in the Proceedings. Perhaps in the future, some clever individual will develop a means of documenting the often illuminating questioning that these sessions produce.

The papers are organized into eight sections; the order is not always the same as at the Conference. This is because the poster papers were deliberately distributed among the three sessions to provide topics of interest to all at each of the sessions. For the Proceedings, these have been regrouped according to topic.

All papers were reviewed prior to printing. Changes were made to have the papers conform to the specified format and to the recommendations of the "Style Manual" of the American Institute of Physics. In cases in which an appreciable number of changes were made, or retyping was necessary, the papers were returned for the authors' approval. In no case was any attempt made to edit technical content.

## ACKNOWLEDGEMENTS

The organizing and planning of a conference as large as this would be of no value without the hard work and dedication of those individuals who really made it happen. Among these, special thanks must go to Pat Tuttle and Dot Schroeder, who were the front line troops at the Conference Desk. Ginny Sayre provided the vital link between BNL and the Conference. The audio services were provided by George Walczyk and Denny Klein, who along with Jack Tallent, ran the slide projectors.

Transcription of the taped discussion was capably performed by Lillian Kouchinsky, Marion Newton and Barbara Barrett. Additional editing was provided by Harriet Fadem and Margaret Deines of the Research Library. Jackie Mooney did the bulk of the corrections and final typing. Special thanks to Marietta Gray for her assistance.

Pat Tuttle was everywhere and did everything. She was the catalyst that made the Conference a success. Working with her in editing these Proceedings was a pleasure I will not forget.