

# COMMENTS ON THE 1979 PARTICLE ACCELERATOR CONFERENCE

The eighth national Particle Accelerator Conference was held at the Sheraton-Palace Hotel in San Francisco on March 12, 13, and 14, 1979, under the auspices of the IEEE Nuclear and Plasma Sciences Society. The tone of the meeting was one of general satisfaction with the present state of affairs and of optimism about the future. There is much activity now in the accelerator field, and more is anticipated in the coming years. We heard of the excellent start-up of the PETRA storage ring at DESY and about progress in the construction of CESR at Cornell, PEP at SLAC/LBL, the Proton-Antiproton Colliding Beam Facility at CERN, and the Doubler-Tevatron and the cooling ring at Fermilab. Construction progress reports were also presented for ISABELLE and the National Synchrotron Light Source at Brookhaven, several facilities in Japan, and many other accelerator projects around the world. For the future we heard enthusiastic descriptions of how the Large Electron-Positron Project and other next-generation systems that are now under active study could meet the future needs of the high-energy physics community.

Registration reached an all-time high of 925, an increase of 44% over the 1977 Conference. Of these, 180 (19%) represented our accelerator colleagues from other countries, again showing their strong interest in the Conference. In total, there were 28 invited papers, 53 orally contributed papers, and 189 poster papers, with an additional 151 papers accepted for publication in these Proceedings. Of the total of 393 contributed papers, 14 were withdrawn. Of the invited speakers, two were unable to attend, G. M. Tumaikin (*Status Report on VEPP-4*) and N. Dikanskij (*Application of Electron Cooling to Proton-Antiproton Colliding Beams*). By good fortune, Fred Mills of Fermilab agreed, with only 24 hours notice, to prepare an invited paper and delivered it in the time that had been set aside for Dikanskij's talk. His subject was an excellent review on *Electron Cooling*. The Program Committee is extremely grateful to Fred Mills for filling the breach in the Program and regrets that there was not enough time for him to prepare a written version for these Proceedings. Also, Rich Muller chose not to have his paper, *Radioactive Isotope Dating with Accelerators*, published here.

The Conference Banquet was held on the second day of the Conference in elegant surroundings in the Garden Court of the hotel. We were fortunate in having an outstanding ban-

quet speaker, Robert R. Wilson, whose talk on *Aesthetics and Accelerators* was illustrated by a collection of spectacular slides. Dr. Wilson was introduced by Edwin M. McMillan.

The popularity of the Poster Sessions—among authors and attendees—continues to show an almost explosive growth. The number of display boards (48) was increased by a full 50% over that at the last Conference. To judge from the number of authors who indicated a preference for a poster presentation when submitting abstracts, it is clear that the advantages of this form of presentation over a short oral report are becoming increasingly appreciated. We are indebted to Jack Peterson of LBL and Harry Hogg of SLAC for their smooth handling of the Poster Sessions.

Arrangements were managed by a group headed by Ruth Thor Nelson of SLAC. The staff included Louise Millard and July Zelter of LBL and Nina Adelman, Slim Harris, Krystyna Ciolkosz, Ruth Taano, and Joanne Marchetti of SLAC. Robert Hendrickson managed the Proceedings Office assisted by Debbie Craig and Jean Wolslegel, all of LBL. Al Reuss and Malcolm White of LBL and Willie Johnson and Warren Struven of SLAC managed the extensive audio-visual support. Charles Kruse of SLAC managed the Banquet and Laboratory Tours, and Selma Mikels Lofgren of LBL, ably assisted by the Extracurricular Activities Committee, managed the local tours and cultural events. Travel arrangements during the Conference were ably handled by Viola Benton of SLAC. Coordination of the exhibits with Trade Associates, the firm managing all the arrangements with the commercial companies, was handled by Roger Gearhart of SLAC. We are indebted to Al Wilmunder of SLAC for the use of his Session Indicators. The smoothness with which the Conference ran is due to the skill, hard work, and good will of all of these dedicated people. Thanks are also due to Joe Moore of LBL for his photographic coverage of the Conference.

The next Particle Accelerator Conference will be held at the Shoreham Americana Hotel in Washington, D.C. in March 1981.

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Chairman, Program Committee