

# Preface

The SSC was the scientific instrument which would allow us to study one of our fundamental open questions, the origin of mass, and to search for new and unexpected phenomena. When the survival of the SSC became uncertain in the summer of 1993, the Executive Committee of the Division of Particles and Fields (DPF) of the American Physical Society began serious discussions of steps that would best help our community face the challenges of the future. These discussions were strongly influenced by the loss of the SSC and the subsequent appointment of the Drell Subpanel of the Department of Energy's High Energy Physics Advisory Panel (HEPAP) to help provide a vision for the future of the field. Since the Drell Subpanel had a specific charge and a relatively short time for deliberation, the DPF Executive Committee felt that the high-energy physics community and the public on whose support it relies would profit by having an additional broad-based and in-depth study of the field. This study, called the Committee on Long-Term Planning, was initiated in early 1994 and its fruits are the reports contained in this volume.

This study of high-energy physics was organized on the basis of working groups. Each of the working groups was led by conveners chosen among established leaders in the area under consideration. The conveners then assembled their groups by inviting other active workers in the field to participate. Most of the working groups also gathered further input from the community by holding various specialized meetings and workshops. The working groups presented their preliminary findings at a Workshop at Johns Hopkins University in May 1994, and their final reports at the DPF general meeting in Albuquerque the following August. Draft written versions of these reports were critically discussed at a retreat of all conveners with the members of the DPF Executive Committee at the Lawrence Berkeley Laboratory in October 1994. The corrected draft versions of the reports were examined one more time by an editorial board appointed by the DPF Executive Committee.

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