

Foreword

12th International Conference on Transport Theory

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The 12th International Conference on Transport Theory was held August 12–16, 1991, in Albuquerque, New Mexico; it was sponsored by the University of New Mexico, Air Force Phillips Laboratory, Science Applications International, Inc., and GRAM, Inc., Albuquerque. Attendance at the conference was by invitation, a hallmark of this series of biannual gatherings, and included participants from China, Germany, India, Italy, Poland, Sweden, United Kingdom, and the United States.

The technical program comprised 49 non-overlapping presentations that included daily plenary talks presenting reviews of mature fields or describing novel applications in transport theory research. The subject matter of the talks ranged from the very abstract to the very applied, on such diverse topics as asymptotic methods, integral equations, inverse problems, massively parallel computations, stochastic methods, quantum Boltzmann equations, Monte Carlo methods, Fokker-Planck equations, diffusion theory, and others.

The November and December issues of *Nuclear Science and Engineering (NS&E)* comprise 18 papers from the conference. These papers were subjected to the usual rigors of the *NS&E* peer review process, and the Organizing Committee is grateful to the Editor, Dan G. Cacuci, for his support and efforts.