

Preface

This volume originated at the “9th Annual International Conference: Discrete Simulation of Fluid Dynamics,” which was held at the La Fonda on the Plaza Hotel, Santa Fe, New Mexico, August 21–24, 2000, and consists primarily of contributions by participants in that conference. It reflects the wide range of problems discussed there—all related in one way or another to the theme of the conference.

As a participant in that conference I am confident that I speak for all in expressing our appreciation and thanks to the local organizing committee: Shiyi Chen, Gary Doolen, Xiaoyi He and David Noble. We also thank the Center for Nonlinear Studies and the Theoretical Division of the Los Alamos National Laboratory and the Sandia National Labs for sponsoring this wonderful meeting. Extra thanks go to the conference coordinator, Roderick Garcia, who was most helpful to all of us.

I would also like to take this opportunity to express my appreciation to all the authors and reviewers of these papers who were most patient and conscientious. The result is a volume of original research articles I hope will be useful for a long time to all those interested in this subject. Particular thanks are due to Li-Shi Luo and Tony Ladd for their help.

Joel L. Lebowitz, Editor