

CAV 2001: Fourth International Symposium on Cavitation

Foreword

Here in electronic form are the manuscripts of the papers presented at CAV2001, the Fourth International Symposium on Cavitation held at the California Institute of Technology on June 20-23, 2001. This symposium includes invited lectures and papers presented by engineers and scientists addressing the state of the art, new developments and ideas in the basic and applied fields of cavitation. Earlier symposia were held in Sendai, Japan in April 1986, Tokyo, Japan in April 1994, and Grenoble, France in April 1998.

It has been a pioneering effort for us to create the first electronic archive of this series of cavitation conferences. It is our intention that this archive will remain available on the Internet for the foreseeable future and will be more widely available than any previous proceedings.

As in all such pioneering efforts there are many people who contributed to the effort and to whom I owe thanks. First, to the hundreds of authors who tolerated some of the evolving technology. Second, to my co-chairs of the Symposium, Professors R.E.A. Arndt of the University of Minnesota and S.L. Ceccio of the University of Michigan, for their help and advice. Also, to Gustavo Joseph, a graduate student at Caltech whose help is deeply appreciated. And to the Caltech Library Staff, Eric Van de Velde, Kimberly Douglas, and Ed Sponsler for their marvelous efforts. I am deeply grateful also to Lynn Burgess and Dana Young for all their help with this and other aspects of the Symposium.

Christopher E. Brennen

May 2001