

PREFACE

The Proceedings of the International Conference on Fifth Generation Computer Systems 1984 consists of two parts. The first part contains a report on the current status of FGCS Project research carried out over the past two years at ICOT, as well as future planning along this line. The second part is intended to serve as a printed record of the many research efforts made in conjunction with this undertaking.

A total of 206 papers were received from some 29 countries, almost all of which were worthy of recognition. Unfortunately, limitations in both the length of the Conference and size of this Proceedings made it possible to include only 65 submissions including 3 invited papers. Selections were made according to clarity, originality and significance by at least three referees; one from Japan and two from other countries.

It is our sincere hope that the conference program itself will prove rewarding and enjoyable to all who are able to participate in FGCS '84, and that the Proceedings will serve as a valuable reference source for years to come.

As program chairman it is my great pleasure to acknowledge the support of a number of people. I would especially like to single out the program committee members who supported the organization of the attractive conference program, and the 236 referees from 12 countries who helped us evaluate the papers submitted within a very tight schedule. A list of the referees is provided on pages iv and v.

The program committee was also supported by excellent administrative services from many people at ICOT. Special recognition must go to Mr. Akira Kikuchi and Ms. Yumiko Okada for their dedicated and invaluable assistance.

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